



R1-1
30"x30"



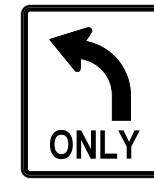
R2-1
24"x30"



R5-1
36"x36"



R5-1a
42"x30"

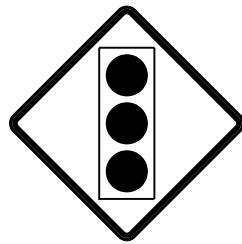


R3-5
30"x36"



SIGN SIZE	DIMENSIONS												
	A	B	C	D	E	F	G	H	J	K	L	M	N
36 X 36	36.00	1.88	18.88	7.20	8.20	12.00	22.45	4.62	15.43	3.00	2.00	4.06	19.00

R10-1109a
30"x30"



W3-3
36"x36"



W14-1
30"x30"



W16-8P
9"x36"
(YELLOW BACKGROUND)



R1-6a
12"x36"



W11-2
30"x30"



R10-3e
9"x15"



W16-9P
24"x12"



R1-5b
36"x36"

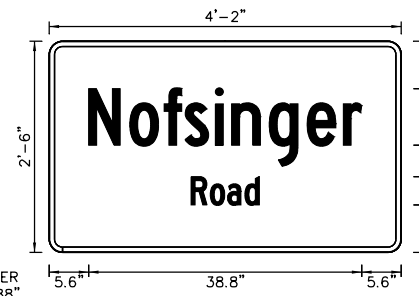


M1-4
24"x24"

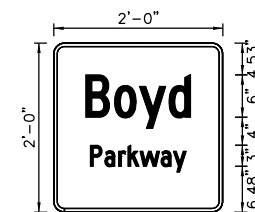


R10-1102
24"x30"

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
24 X 30	24.00	30.00	1.50	9.40	13.20	26.00	6.50	9.50	18.20	8.30	8.50	6.00



BORDER
R=1.88"
TH=0.75"



BORDER
R=1.5"
TH=0.5"

MAST ARM MOUNTED STREET NAME SIGN
FOR EASTBOUND AND WESTBOUND US 24 TRAFFIC
STYLE (e) PER HIGHWAY STANDARD 720016-04
LETTER SIZE UC/LC PRIMARY: 8/6

MAST ARM MOUNTED STREET NAME SIGN
FOR NORTHBOUND AND SOUTHBOUND NOFSINGER RD TRAFFIC
STYLE (e) PER HIGHWAY STANDARD 720016-04
LETTER SIZE UC/LC PRIMARY: 6/4 1/2

NOT TO SCALE



USER NAME = Cur tasL
FILENAME = D415176-sh1-Pavtmrk007.dgn
PLOT SCALE = 40.0001' / in.
PLOT DATE = 6/28/2023 5:38:06 PM

DESIGNED - BKR
DRAWN - BKR
CHECKED - ET
DATE - 5/5/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLANS

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	101

CONTRACT NO. 89849

ILLINOIS FED. AID PROJECT

TRAFFIC SIGNAL GENERAL NOTES

1. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12 INCH SINGLE LED LENSES.
2. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND EACH SIGNAL HEAD SHALL MAINTAIN A MINIMUM OF 16 FOOT CLEARANCE FROM THE BOTTOM OF THE SIGNAL HEAD ASSEMBLY TO THE HIGHEST POINT ON THE ROADWAY.
3. FOR ALL THROUGH LANES THE PROPOSED MAST ARM SIGNAL HEADS SHALL BE MOUNTED DIRECTLY ABOVE THE CENTER OF THEIR RESPECTIVE LANES UNLESS OTHERWISE NOTED.
4. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES. ALL TRAFFIC SIGNAL MOUNTING BRACKETS SHALL BE GALVANIZED STEEL.
5. ALL HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
6. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
7. THE TRAFFIC SIGNAL CONTROLLER CABINET SHALL BE ORIENTED SO THAT THE DOOR OPENS AWAY FROM THE ROADWAY.
8. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT.
9. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE FIELD LOCATION SHALL BE COORDINATED WITH IDOT'S TRAFFIC OPERATIONS MANAGER PRIOR TO INSTALLATION.
10. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES OR EXISTING PAVEMENT.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTING THE CONDUIT.
12. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, LIGHTING CONTROLLERS AND PHOTOCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING DEPARTMENT LIGHTING AND TRAFFIC SIGNAL FACILITIES. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE.
14. THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD
15. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
16. POST MOUNTED SIGNAL HEADS WILL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF CURB. MAST ARM POLES WILL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF CURB (ON THE MAST ARM SIDE).
17. A 3/4" DIAMETER CONTINUOUS MULE TAPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THE ROPE SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM.
18. ALL CABLES SHALL RUN TO THE CONTROLLER. NO SPLICING WILL BE ALLOWED, EXCEPT AS SHOWN.

TRAFFIC SIGNAL GENERAL NOTES, CONT.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO THE COMMENCEMENT OF WORK TO OBTAIN UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION. THE CONTRACTOR SHALL ARRANGE FOR A PERMIT AND INSPECTION OF THE SERVICE BY THE DEPARTMENT OR ITS APPOINTED AGENT. ELECTRICAL SERVICE LOCATION AND ASSOCIATED QUANTITIES MAY CHANGE. ALL CHARGES FROM THE ELECTRIC COMPANY SHALL BE PAID IN ACCORDANCE WITH ARTICLE 109.05 OF THE STANDARD SPECIFICATIONS.
20. SDR 13.5 MAY BE SUBSTITUTED FOR SCHEDULE 40 CONDUIT.
21. SDR 11 MAY BE SUBSTITUTED FOR SCHEDULE 80 CONDUIT.
22. PEDESTRIAN PUSH BUTTON SIGNS SHALL BE CONSTRUCTED FROM TYPE ZZ SHEETING.
23. THE APS SHALL INCLUDE A CENTRAL CONTROL UNIT THAT IS USED TO CONNECT TO THE INDIVIDUAL FIELD BUTTONS. THE CENTRAL CONTROL UNITY SHALL BE INSTALLED INSIDE THE TRAFFIC SIGNAL CABINET AND INCLUDE ETHERNET CONNECTIVITY AND REMOTE MANAGEMENT CAPABILITIES. INDIVIDUAL APS BUTTONS SHALL COMMUNICATE WITH THE CENTRAL CONTROL UNIT VIA BLUETOOTH, WIRELESS MESH NETWORK CONNECTIVITY, OR COMMUNICATIONS OVER COPPER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PAY ITEM ACCESSIBLE PEDESTRIAN SIGNALS.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY
SIGN PANEL - TYPE 1	SQ FT	30.5
SIGN PANEL - TYPE 2	SQ FT	21.0
ELECTRIC SERVICE INSTALLATION	EACH	1
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	17
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	295
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	398
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	180
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,306
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,588
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4,840
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,950
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	866
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	5
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 64 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 68 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	24
CONCRETE FOUNDATION, TYPE C	FOOT	3.5
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	26
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	42
SIGNAL HEAD, POLYCARBONATE, LED 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	6
SIGNAL HEAD, POLYCARBONATE, LED 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 2 FACE, 1 4 SECTION, 1 5 SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3-SECTION, 1-4-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	20
ILLUMINATED SIGN, LED	EACH	2
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1
WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1
WIRELESS ETHERNET RADIO	EACH	4
CAT 5 ETHERNET CABLE	FOOT	87
CAT. 6 ETHERNET CABLE	FOOT	922
DILEMMA ZONE DETECTION SYSTEM	EACH	2
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
PEDESTRIAN PUSH-BUTTON POST	EACH	1
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1



USER NAME = CurtasL	DESIGNED - CMH	REVISED -
FILENAME = D415176-sh1-TS001.dgn	DRAWN - CMH	REVISED -
PLOT SCALE = 40.0001' / in.	CHECKED - CCC	REVISED -
PLOT DATE = 6/28/2023 5:38:49 PM	DATE - 5/5/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL QUANTITIES AND NOTES
US 24 AT NOFSINGER RD**

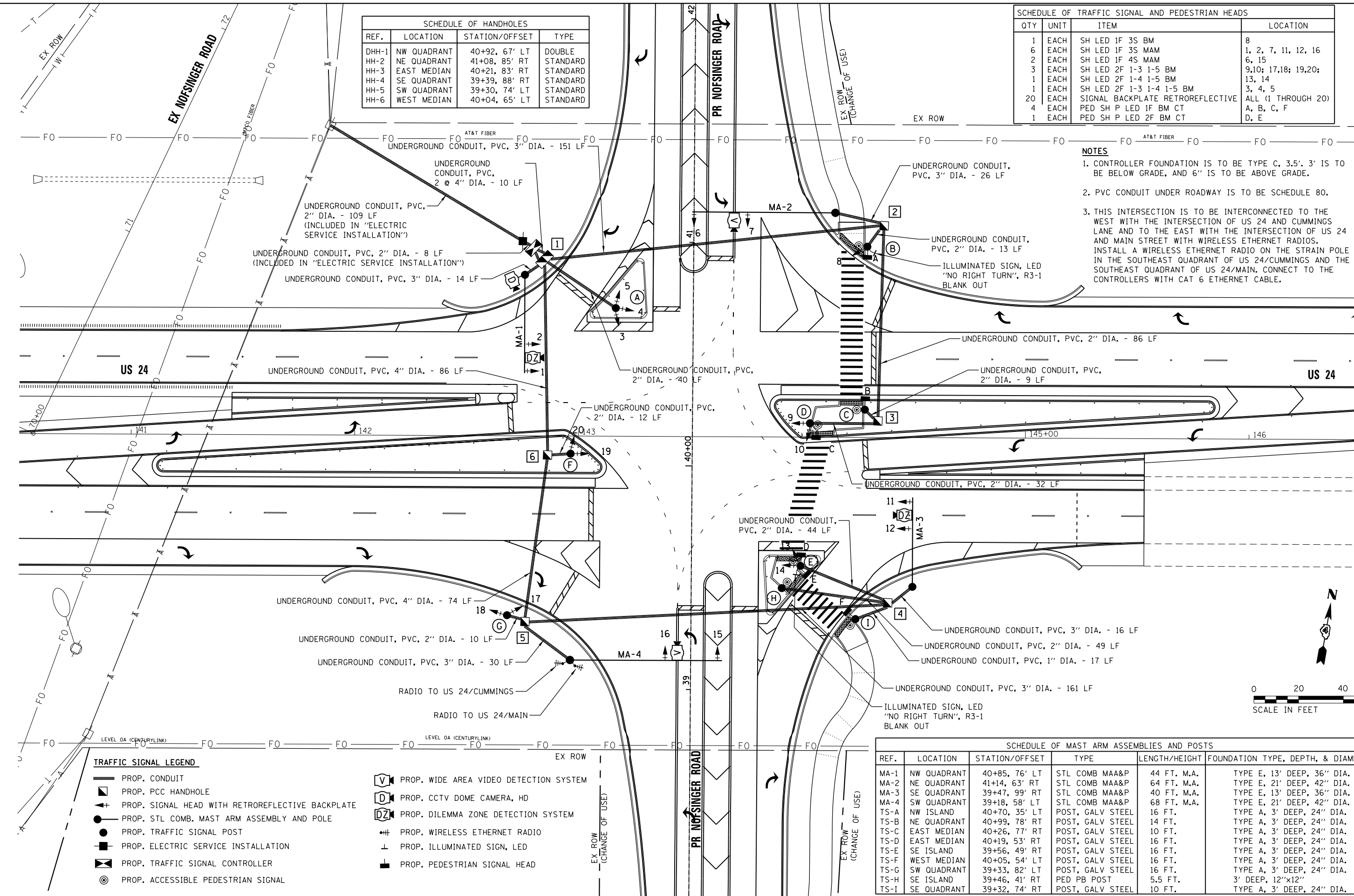
SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	102
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89849	

SCHEDULE OF HANDHOLES			
REF.	LOCATION	STATION/OFFSET	TYPE
DHH-1	NW QUADRANT	40+92, 67' LT	DOUBLE
HH-2	NE QUADRANT	41+08, 85' RT	STANDARD
HH-3	EAST MEDIAN	40+21, 83' RT	STANDARD
HH-4	SE QUADRANT	39+39, 88' RT	STANDARD
HH-5	SW QUADRANT	39+30, 74' LT	STANDARD
HH-6	WEST MEDIAN	40+04, 65' LT	STANDARD

SCHEDULE OF TRAFFIC SIGNAL AND PEDESTRIAN HEADS			
QTY	UNIT	ITEM	LOCATION
1	EACH	SH LED 1F 3S BM	8
6	EACH	SH LED 1F 3S MAM	1, 2, 7, 11, 12, 16
2	EACH	SH LED 1F 4S MAM	6, 15
3	EACH	SH LED 2F 1-3 1-5 BM	9,10; 17,18; 19,20;
1	EACH	SH LED 2F 1-4 1-5 BM	13, 14
1	EACH	SH LED 2F 1-3 1-4 1-5 BM	3, 4, 5
20	EACH	SIGNAL BACKPLATE RETROREFLECTIVE	ALL (1 THROUGH 20)
4	EACH	PED SH P LED 1F BM CT	A, B, C, F
1	EACH	PED SH P LED 2F BM CT	D, E

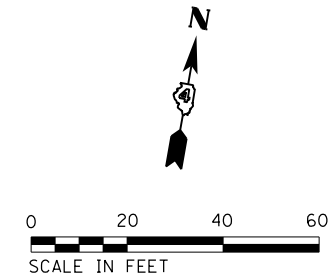
- NOTES**
1. CONTROLLER FOUNDATION IS TO BE TYPE C, 3.5'. 3' IS TO BE BELOW GRADE, AND 6" IS TO BE ABOVE GRADE.
 2. PVC CONDUIT UNDER ROADWAY IS TO BE SCHEDULE 80.
 3. THIS INTERSECTION IS TO BE INTERCONNECTED TO THE WEST WITH THE INTERSECTION OF US 24 AND CUMMINGS LANE AND TO THE EAST WITH THE INTERSECTION OF US 24 AND MAIN STREET WITH WIRELESS ETHERNET RADIOS. INSTALL A WIRELESS ETHERNET RADIO ON THE STRAIN POLE IN THE SOUTHEAST QUADRANT OF US 24/CUMMINGS AND THE SOUTHEAST QUADRANT OF US 24/MAIN. CONNECT TO THE CONTROLLERS WITH CAT 6 ETHERNET CABLE.



TRAFFIC SIGNAL LEGEND

- PROP. CONDUIT
- ◻ PROP. PCC HANDHOLE
- ◄+ PROP. SIGNAL HEAD WITH RETROREFLECTIVE BACKPLATE
- PROP. STL COMB. MAST ARM ASSEMBLY AND POLE
- PROP. TRAFFIC SIGNAL POST
- ◻ PROP. ELECTRIC SERVICE INSTALLATION
- ◻ PROP. TRAFFIC SIGNAL CONTROLLER
- ⊙ PROP. ACCESSIBLE PEDESTRIAN SIGNAL
- ◻ PROP. WIDE AREA VIDEO DETECTION SYSTEM
- ◻ PROP. CCTV DOME CAMERA, HD
- ◻ PROP. DILEMMA ZONE DETECTION SYSTEM
- ⊙ PROP. WIRELESS ETHERNET RADIO
- ⊥ PROP. ILLUMINATED SIGN, LED
- ⊥ PROP. PEDESTRIAN SIGNAL HEAD

SCHEDULE OF MAST ARM ASSEMBLIES AND POSTS					
REF.	LOCATION	STATION/OFFSET	TYPE	LENGTH/HEIGHT	FOUNDATION TYPE, DEPTH, & DIAMETER
MA-1	NW QUADRANT	40+85, 76' LT	STL COMB MAA&P	44 FT. M.A.	TYPE E, 13' DEEP, 36" DIA.
MA-2	NE QUADRANT	41+14, 63' RT	STL COMB MAA&P	64 FT. M.A.	TYPE E, 21' DEEP, 42" DIA.
MA-3	SE QUADRANT	39+47, 99' RT	STL COMB MAA&P	40 FT. M.A.	TYPE E, 13' DEEP, 36" DIA.
MA-4	SW QUADRANT	39+18, 58' LT	STL COMB MAA&P	68 FT. M.A.	TYPE E, 21' DEEP, 42" DIA.
TS-A	NW ISLAND	40+70, 35' LT	POST, GALV STEEL	16 FT.	TYPE A, 3' DEEP, 24" DIA.
TS-B	NE QUADRANT	40+99, 78' RT	POST, GALV STEEL	14 FT.	TYPE A, 3' DEEP, 24" DIA.
TS-C	EAST MEDIAN	40+26, 77' RT	POST, GALV STEEL	10 FT.	TYPE A, 3' DEEP, 24" DIA.
TS-D	EAST MEDIAN	40+19, 53' RT	POST, GALV STEEL	16 FT.	TYPE A, 3' DEEP, 24" DIA.
TS-E	SE ISLAND	39+56, 49' RT	POST, GALV STEEL	16 FT.	TYPE A, 3' DEEP, 24" DIA.
TS-F	WEST MEDIAN	40+05, 54' LT	POST, GALV STEEL	16 FT.	TYPE A, 3' DEEP, 24" DIA.
TS-G	SW QUADRANT	39+33, 82' LT	POST, GALV STEEL	16 FT.	TYPE A, 3' DEEP, 24" DIA.
TS-H	SE ISLAND	39+46, 41' RT	PED PB POST	5.5 FT.	3' DEEP, 12"x12"
TS-I	SE QUADRANT	39+32, 74' RT	POST, GALV STEEL	10 FT.	TYPE A, 3' DEEP, 24" DIA.



USER NAME = CurtasL
 FILENAME = D415176-sh1-TS002.dgn
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 6/28/2023 8:04:34 PM

DESIGNED - CMH
 DRAWN - CMH
 CHECKED - CCC
 DATE - 5/5/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

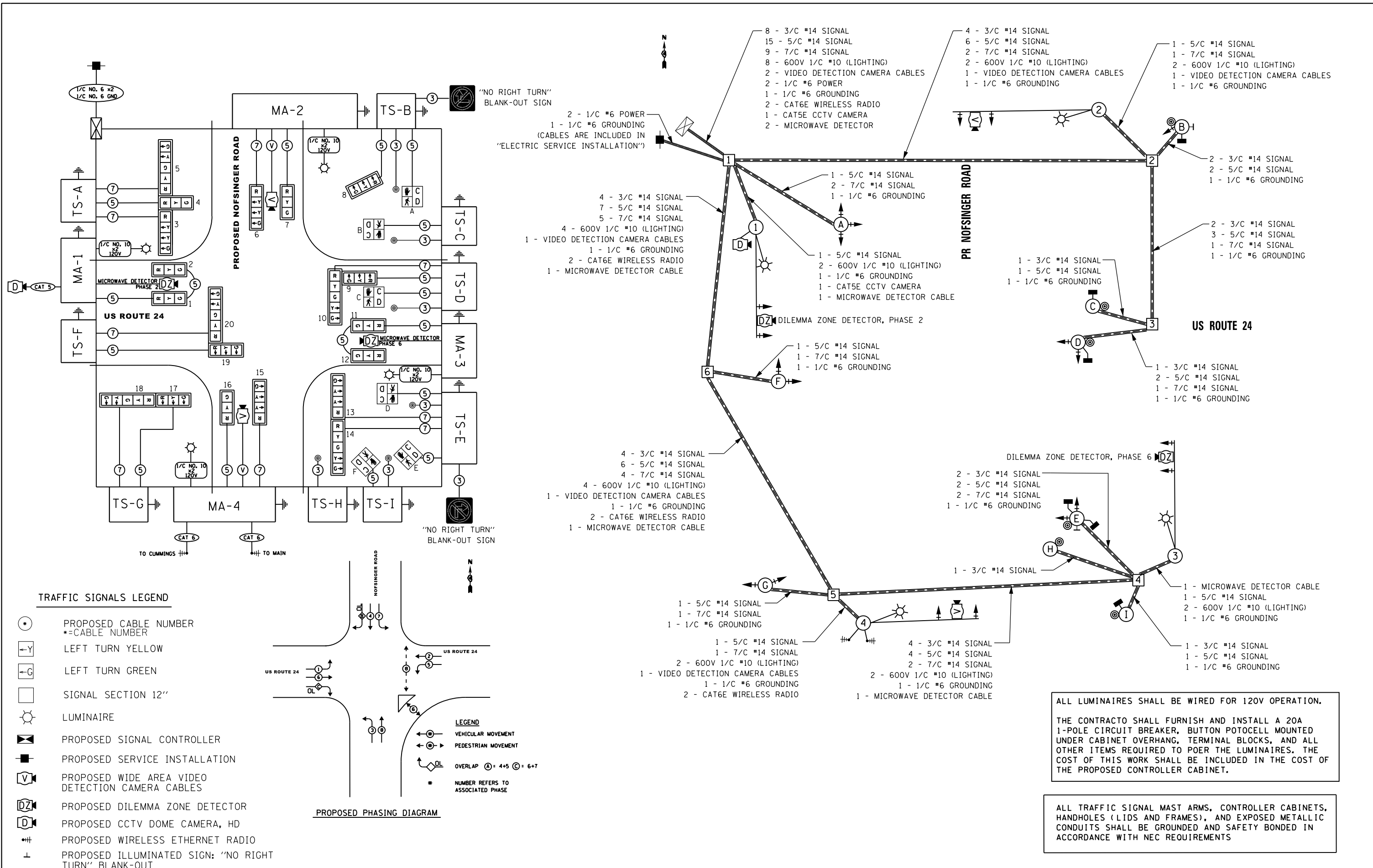
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
 US 24 AT NOFSINGER RD**

SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-0013-00-SP	TAZEWELL	181	103

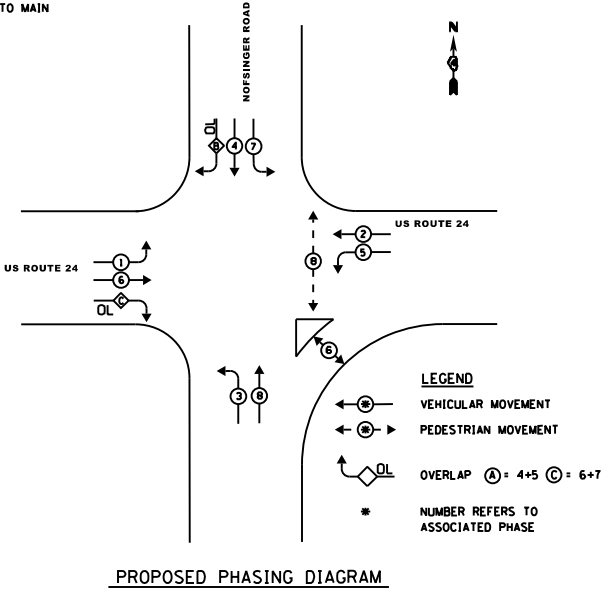
CONTRACT NO. 89849
 ILLINOIS FED. AID PROJECT

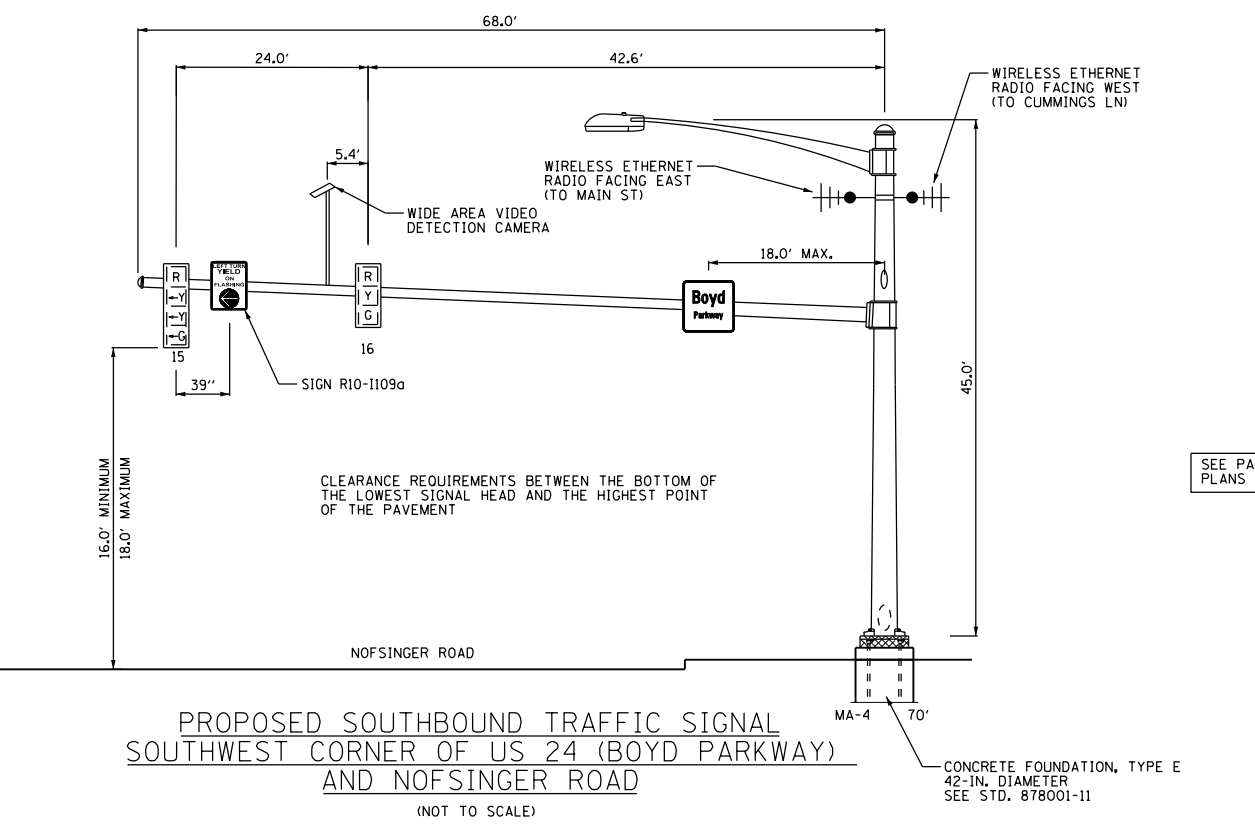
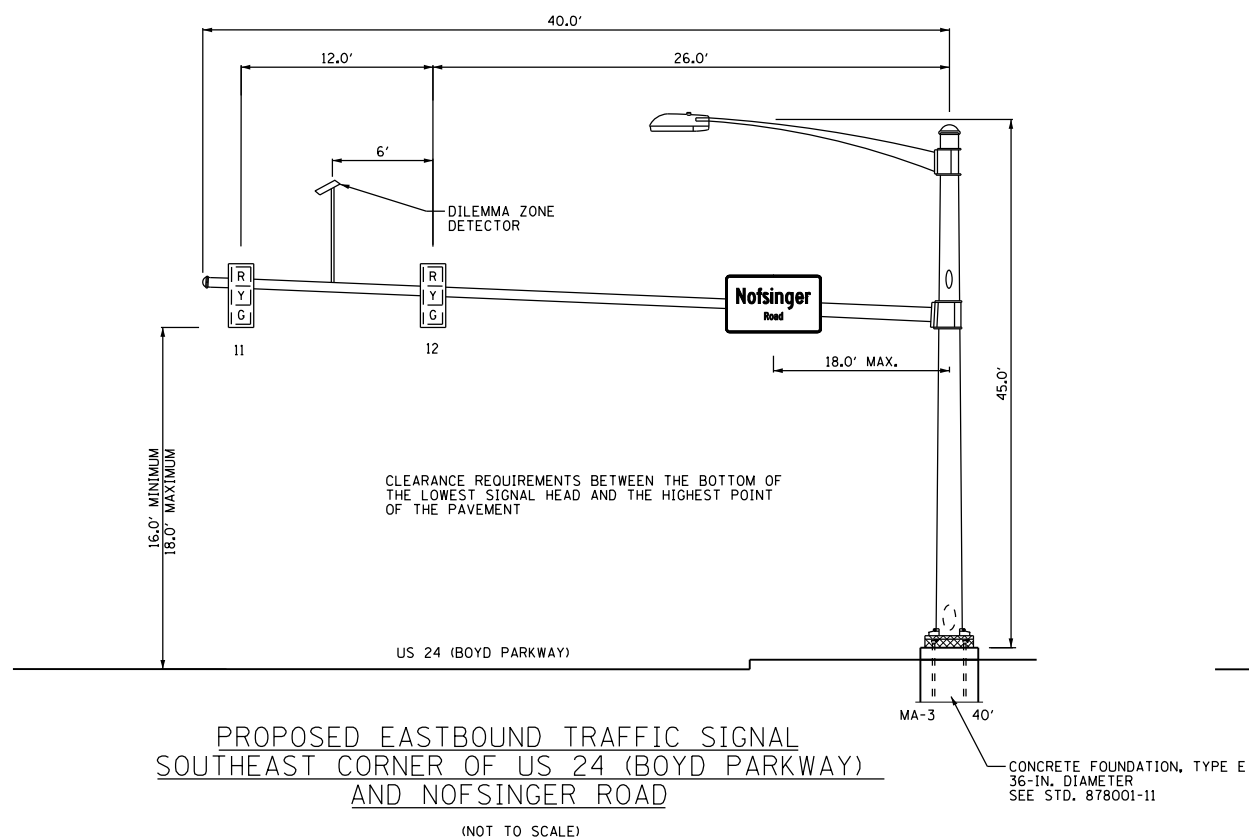
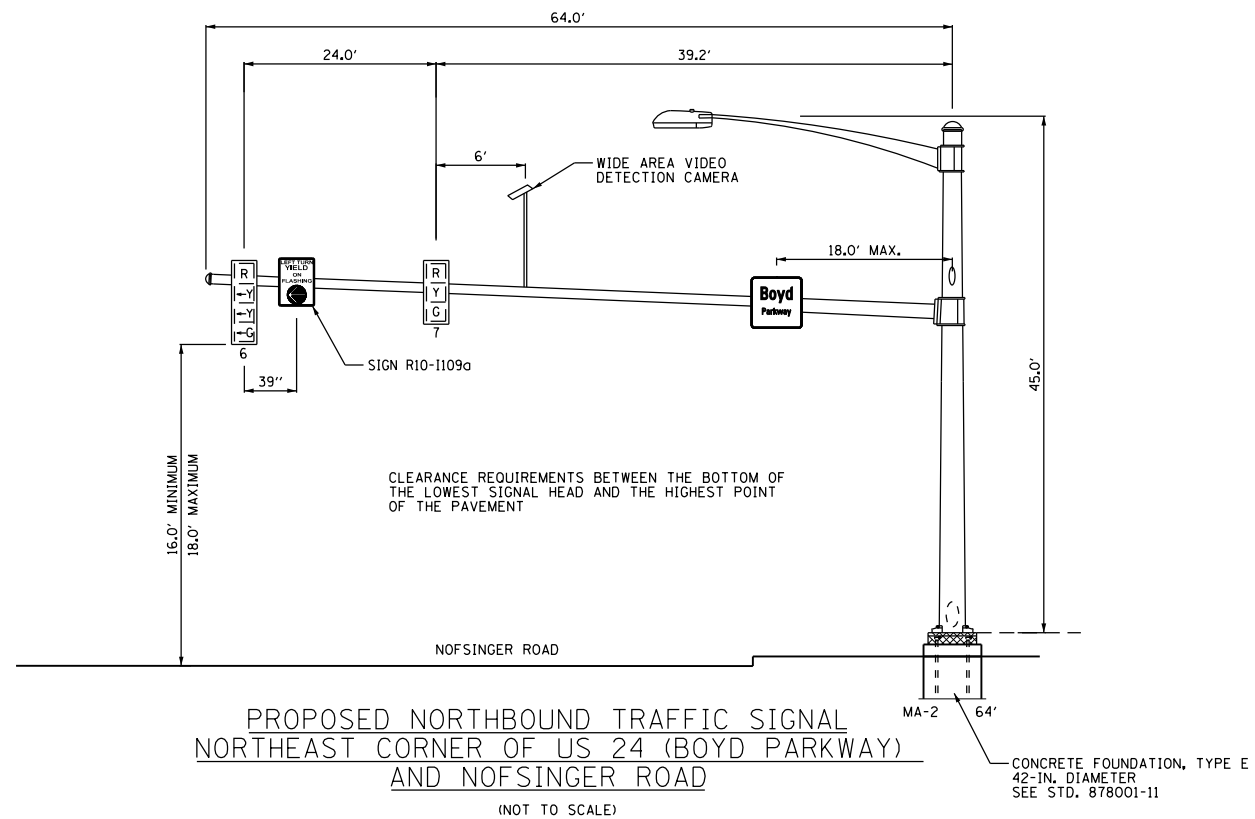
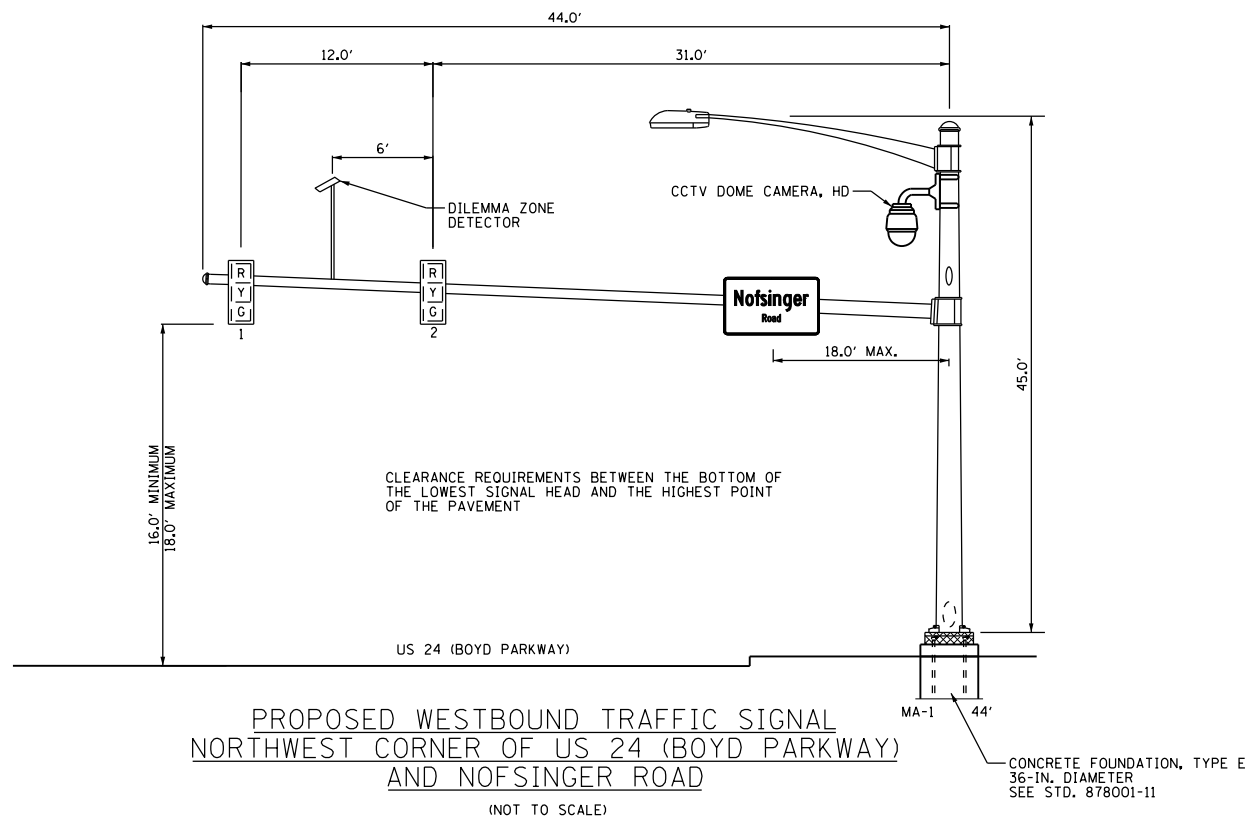


ALL LUMINAIRES SHALL BE WIRED FOR 120V OPERATION. THE CONTRACTOR SHALL FURNISH AND INSTALL A 20A 1-POLE CIRCUIT BREAKER, BUTTON POTOCCELL MOUNTED UNDER CABINET OVERHANG, TERMINAL BLOCKS, AND ALL OTHER ITEMS REQUIRED TO POWER THE LUMINAIRES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED CONTROLLER CABINET.

ALL TRAFFIC SIGNAL MAST ARMS, CONTROLLER CABINETS, HANDHOLES (LIDS AND FRAMES), AND EXPOSED METALLIC CONDUITS SHALL BE GROUNDED AND SAFETY BONDED IN ACCORDANCE WITH NEC REQUIREMENTS

- TRAFFIC SIGNALS LEGEND**
- PROPOSED CABLE NUMBER
 - *=CABLE NUMBER
 - ←Y LEFT TURN YELLOW
 - ←G LEFT TURN GREEN
 - SIGNAL SECTION 12"
 - ☀ LUMINAIRE
 - ⊠ PROPOSED SIGNAL CONTROLLER
 - ⊞ PROPOSED SERVICE INSTALLATION
 - 📹 PROPOSED WIDE AREA VIDEO DETECTION CAMERA CABLES
 - 📷 PROPOSED DILEMMA ZONE DETECTOR
 - 📷 PROPOSED CCTV DOME CAMERA, HD
 - ⊞ PROPOSED WIRELESS ETHERNET RADIO
 - ⊞ PROPOSED ILLUMINATED SIGN: "NO RIGHT TURN" BLANK-OUT





SEE PAVEMENT MARKING AND SIGNING PLANS FOR SIGN DETAILS

USER NAME = Cur.tasL	DESIGNED - CMH	REVISED -
FILENAME = D415176-shr-TS005.dgn	DRAWN - CMH	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - CCC	REVISED -
PLOT DATE = 6/28/2023 5:40:54 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

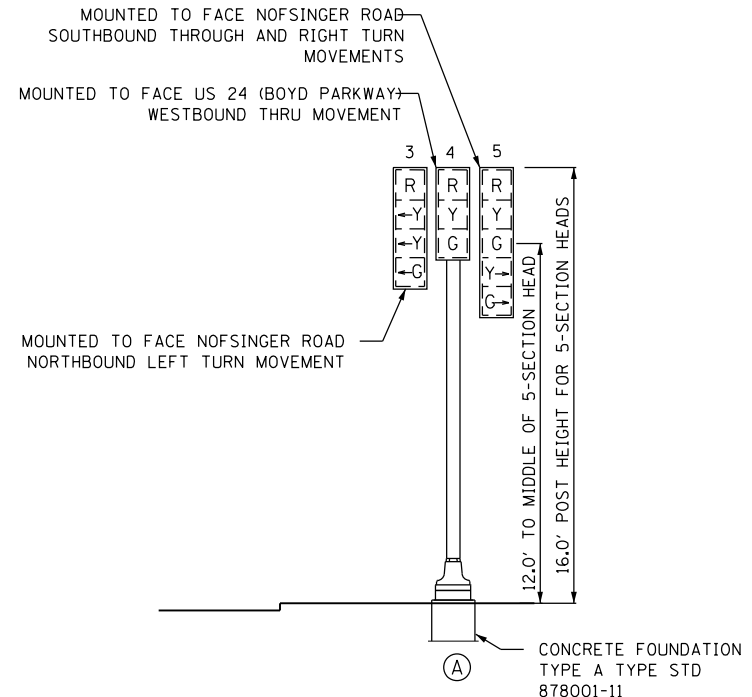
TRAFFIC SIGNAL MAST ARM DIAGRAMS
US 24 AT NOFSINGER RD

SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.

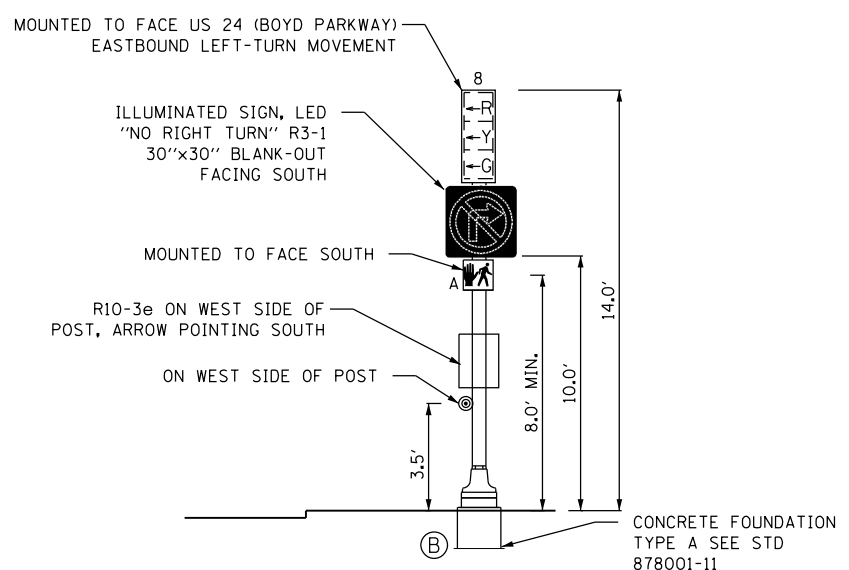
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	105
CONTRACT NO. 89849			ILLINOIS FED. AID PROJECT	

NOTES

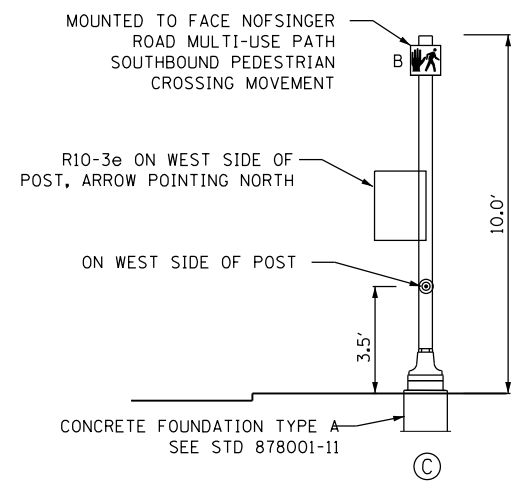
1. SEE PAVEMENT MARKING AND SIGNING PLANS FOR SIGN DETAILS.
2. ALL PEDESTRIAN PUSH BUTTONS ARE TO BE APS.
3. R10-3e SIGNS FOR PEDESTRIAN PUSHBUTTONS ARE INCLUDED IN "ACCESSIBLE PEDESTRIAN SIGNALS".



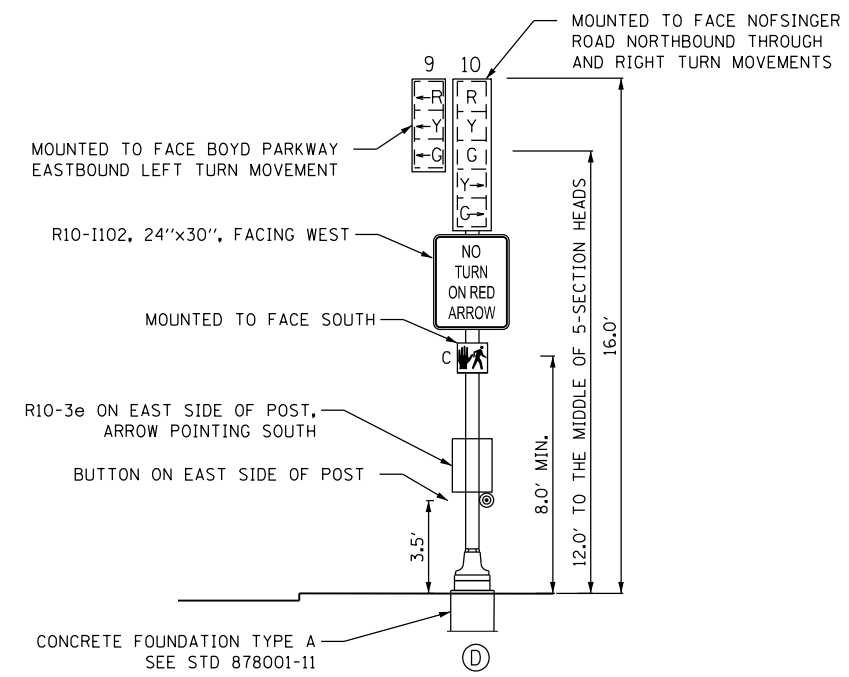
SIGNAL POST (A)
NORTHWEST ISLAND OF US 24 (BOYD PARKWAY)
AND NOFSINGER ROAD



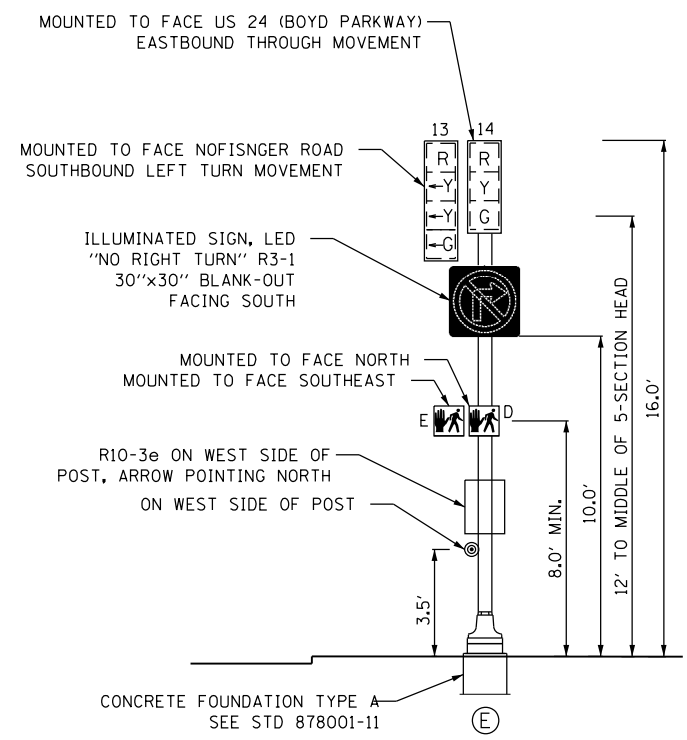
SIGNAL POST (B)
NORTHEAST CORNER OF US 24 (BOYD PARKWAY)
AND NOFSINGER ROAD



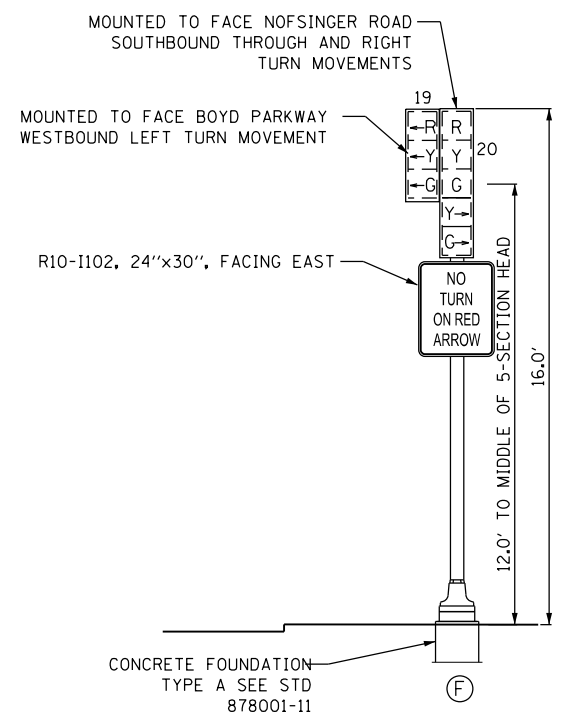
PEDESTRIAN SIGNAL POST (C)
EAST MEDIAN ISLAND OF US 24 (BOYD PARKWAY)
AND NOFSINGER ROAD



TRAFFIC SIGNAL POST (D)
EAST MEDIAN ISLAND OF US 24 (BOYD PARKWAY)
AND NOFSINGER ROAD



TRAFFIC SIGNAL POST (E)
SOUTHEAST ISLAND OF US 24 (BOYD PARKWAY)
AND NOFSINGER ROAD



TRAFFIC SIGNAL POST (F)
WEST MEDIAN ISLAND OF US 24 (BOYD PARKWAY)
AND NOFSINGER ROAD



USER NAME = CurtsL	DESIGNED - CMH	REVISED -
FILENAME = D415176-shr-TS006.dgn	DRAWN - CMH	REVISED -
PLOT SCALE = 10.0000 "/>		
PLOT DATE = 6/28/2023 5:41:41 PM	CHECKED - CCC	REVISED -
	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

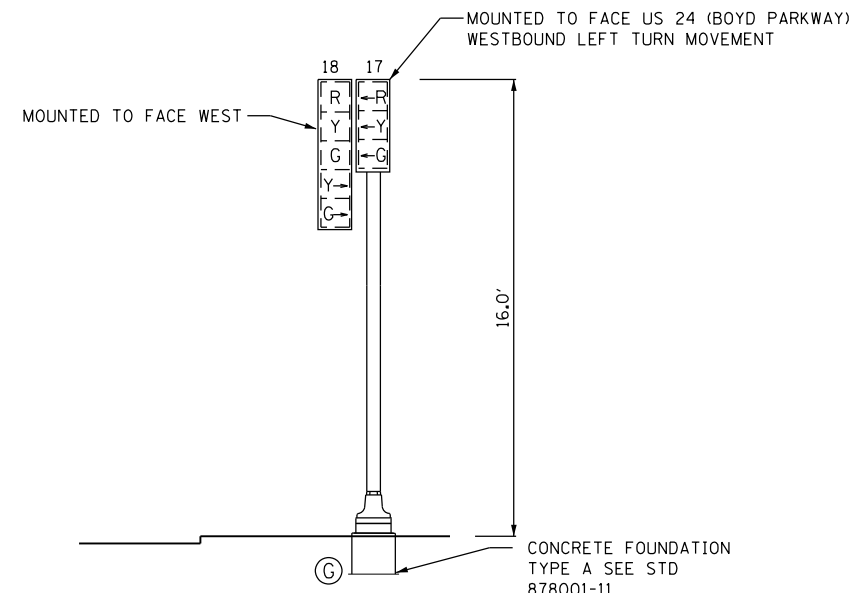
TRAFFIC SIGNAL SIGNAL POST DIAGRAMS
US 24 AT NOFSINGER RD

SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

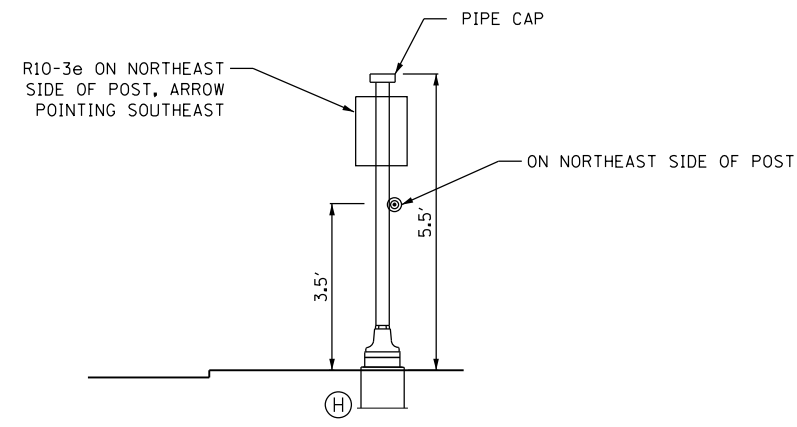
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	106
CONTRACT NO. 89849			ILLINOIS FED. AID PROJECT	

NOTES

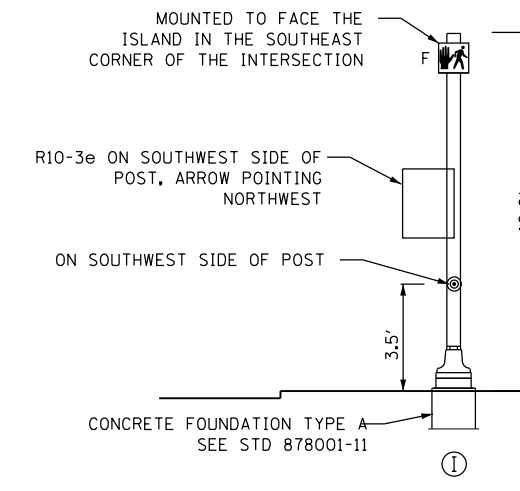
1. SEE PAVEMENT MARKING AND SIGNING PLANS FOR SIGN DETAILS.
2. ALL PEDESTRIAN PUSH BUTTONS ARE TO BE APS.
3. R10-3e SIGNS FOR PEDESTRIAN PUSHBUTTONS ARE INCLUDED IN "ACCESSIBLE PEDESTRIAN SIGNALS".



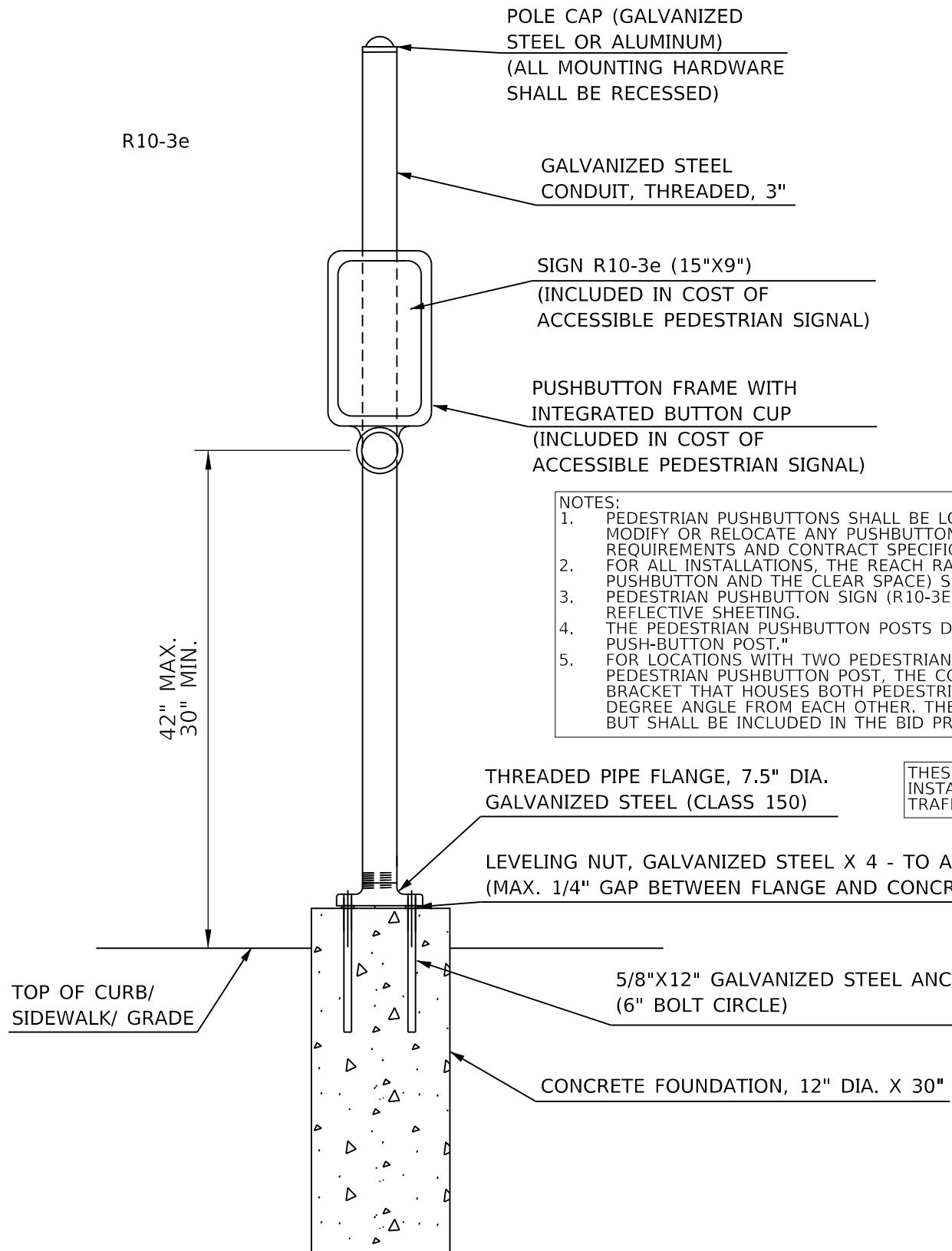
SIGNAL POST (G)
SOUTHWEST CORNER OF US 24 (BOYD PARKWAY)
AND NOFSINGER ROAD



PEDESTRIAN PUSHBUTTON POST (H)
SOUTHEAST ISLAND OF US 24 (BOYD PARKWAY)
AND NOFSINGER ROAD



PEDESTRIAN SIGNAL POST (I)
SOUTHEAST CORNER OF US 24 (BOYD PARKWAY)
AND NOFSINGER ROAD



PEDESTRIAN PUSHBUTTON POST

POLE CAP (GALVANIZED STEEL OR ALUMINUM) (ALL MOUNTING HARDWARE SHALL BE RECESSED)

GALVANIZED STEEL CONDUIT, THREADED, 3"

SIGN R10-3e (15"X9") (INCLUDED IN COST OF ACCESSIBLE PEDESTRIAN SIGNAL)

PUSHBUTTON FRAME WITH INTEGRATED BUTTON CUP (INCLUDED IN COST OF ACCESSIBLE PEDESTRIAN SIGNAL)

- NOTES:**
1. PEDESTRIAN PUSHBUTTONS SHALL BE LOCATED IN ACCORDANCE WITH THE 2009 MUTCD. THE COST TO MODIFY OR RELOCATE ANY PUSHBUTTONS THAT WERE NOT INSTALLED ACCORDING TO MUTCD REQUIREMENTS AND CONTRACT SPECIFICATIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. FOR ALL INSTALLATIONS, THE REACH RANGE (DISTANCE BETWEEN THE FACE OF PEDESTRIAN PUSHBUTTON AND THE CLEAR SPACE) SHALL NOT EXCEED 10 INCHES.
 2. PEDESTRIAN PUSHBUTTON SIGN (R10-3E) SHALL BE CONSTRUCTED USING DIAMOND GRADE (TYPE XI) REFLECTIVE SHEETING.
 3. THE PEDESTRIAN PUSHBUTTON POSTS DETAILED ON THIS SHEET SHALL BE PAID FOR AS "PEDESTRIAN PUSH-BUTTON POST."
 4. FOR LOCATIONS WITH TWO PEDESTRIAN PUSHBUTTONS ON A SINGLE TRAFFIC SIGNAL POST OR PEDESTRIAN PUSHBUTTON POST, THE CONTRACTOR SHALL FURNISH AND INSTALL A SINGLE MOUNTING BRACKET THAT HOUSES BOTH PEDESTRIAN PUSHBUTTON FRAMES, WITH INTEGRATED CUPS, AT A 90 DEGREE ANGLE FROM EACH OTHER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE FOR THE PAY ITEM ACCESSIBLE PEDESTRIAN SIGNALS.

THESE REQUIREMENTS APPLY TO ALL PEDESTRIAN PUSHBUTTON INSTALLATIONS, INCLUDING PEDESTRIAN PUSHBUTTON POSTS, TRAFFIC SIGNAL POSTS, AND MAST ARM STRAIN POLE INSTALLATIONS.

THREADED PIPE FLANGE, 7.5" DIA. GALVANIZED STEEL (CLASS 150)

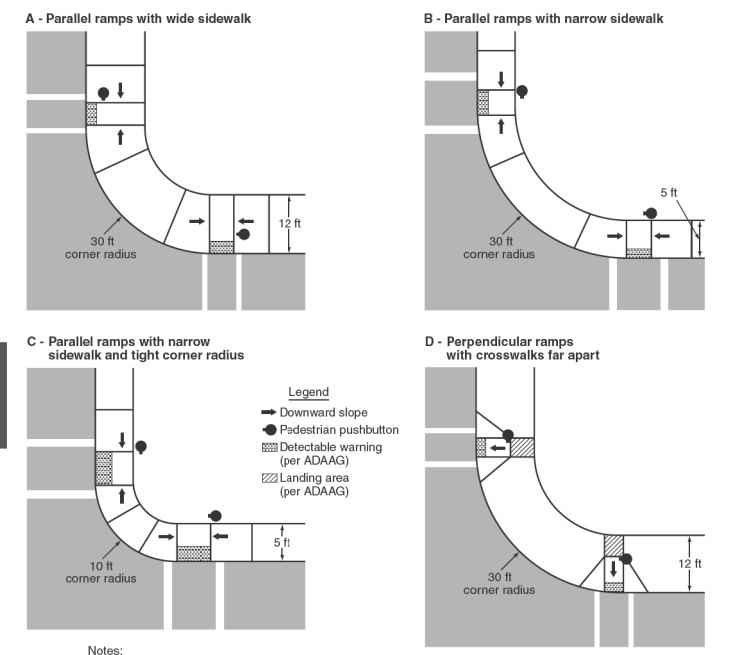
LEVELING NUT, GALVANIZED STEEL X 4 - TO ALLOW WATER EGRESS (MAX. 1/4" GAP BETWEEN FLANGE AND CONCRETE FOUNDATION)

5/8"X12" GALVANIZED STEEL ANCHOR BOLT X 4 (6" BOLT CIRCLE)

CONCRETE FOUNDATION, 12" DIA. X 30"

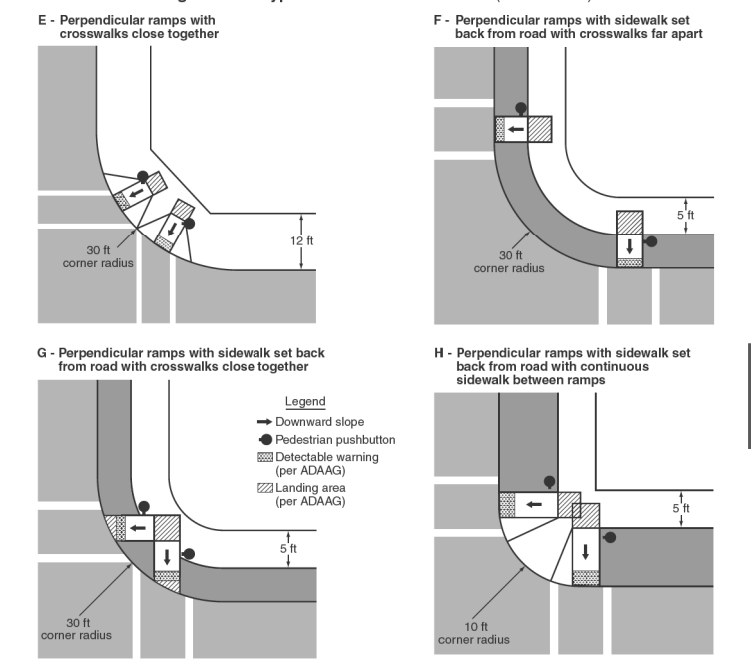
2009 MUTCD TYPICAL PUSHBUTTON LOCATIONS

Figure 4E-4. Typical Pushbutton Locations (Sheet 1 of 2)



- Notes:**
1. This figure is not drawn to scale.
 2. These drawings are intended to describe the typical locations for pedestrian pushbutton installations. They are not intended to be a guide for the design of curb cut ramps.
 3. Figure 4E-3 shows the recommended area for pushbutton locations.

Figure 4E-4. Typical Pushbutton Locations (Sheet 2 of 2)



- Notes:**
1. This figure is not drawn to scale.
 2. These drawings are intended to describe the typical locations for pedestrian pushbutton installations. They are not intended to be a guide for the design of curb cut ramps.
 3. Figure 4E-3 shows the recommended area for pushbutton locations.

NOT TO SCALE



USER NAME = Cur tasL	DESIGNED - IDOT D4	REVISED -
FILENAME = D415176-sh1-TS008.dgn	DRAWN - IDOT D4	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - CCC	REVISED -
PLOT DATE = 6/28/2023 5:43:05 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

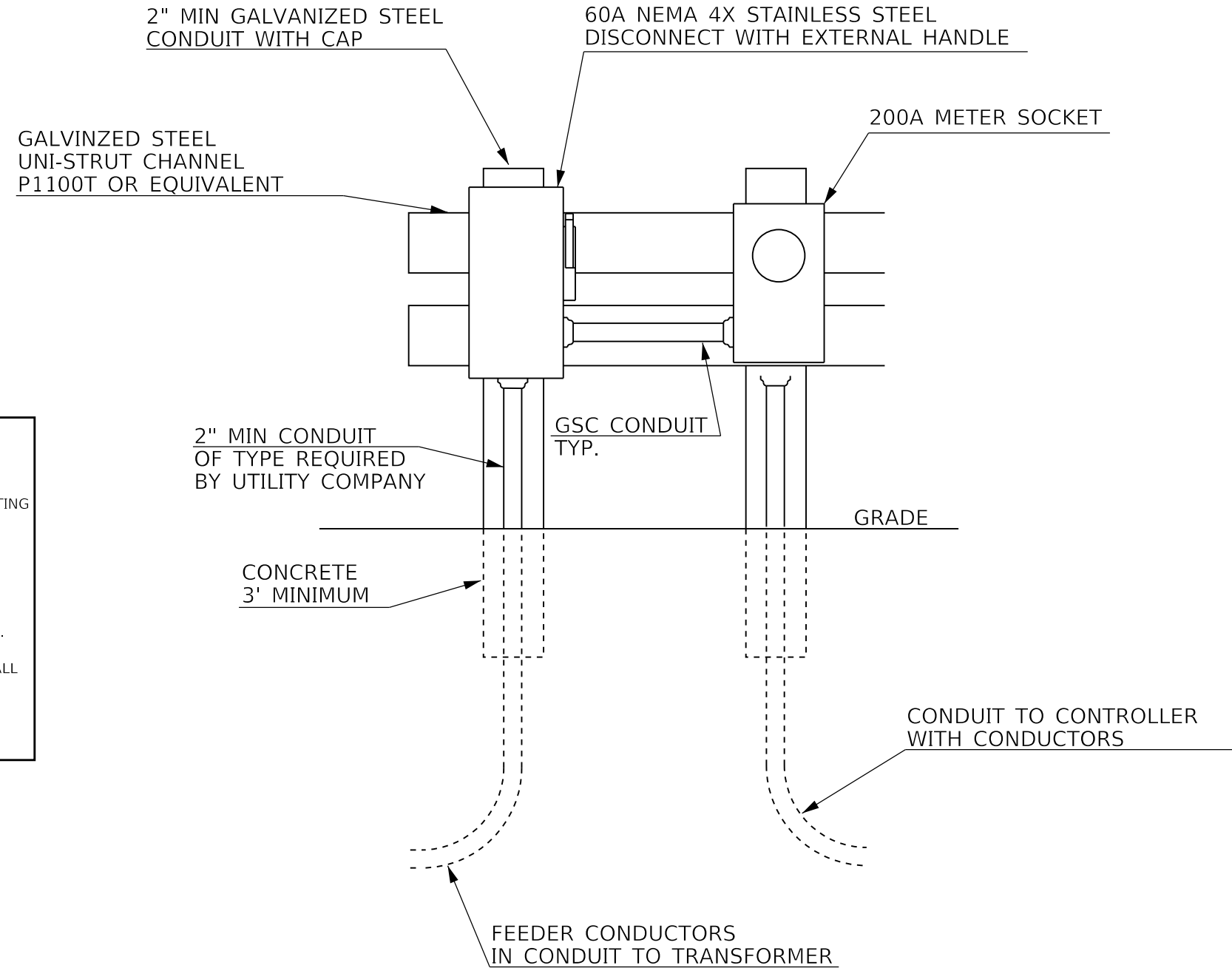
TRAFFIC SIGNAL SIGNAL PUSH BUTTON POST DETAIL
US 24 AT NOFSINGER RD

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-0013-00-SP	TAZEWELL	181	108
CONTRACT NO.			89849	

ILLINOIS FED. AID PROJECT

ELECTRIC SERVICE INSTALLATION



- NOTES:
1. THE COST OF THE UNDERGROUND SERVICE CABLE/ CONDUIT FROM THE EXISTING TRANSFORMER TO THE PROPOSED ELECTRICAL SERVICE AND SERVICE CABLE/ CONDUIT FROM THE ELECTRICAL SERVICE TO THE LIGHTING CONTROLLER SHALL BE INCLUDED IN THE COST OF "ELECTRIC SERVICE INSTALLATION".
 2. THE CONTRACTOR SHALL VERIFY UTILITY COMPANY SERVICE INSTALLATION REQUIREMENTS, THERE WILL BE NO ADDITIONAL COMPENSATION TO ACCOMODATE ADDITIONAL REQUIREMENTS NOT SHOWN IN THE PLANS.
 3. THE PROPOSED ELECTRICAL SERVICE INSTALLATION SHALL BE LOCATED WITHIN 10 FT. OF THE PROPOSED CONTROLLER CABINET AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST UTILITY COMPANY REQUIREMENTS.

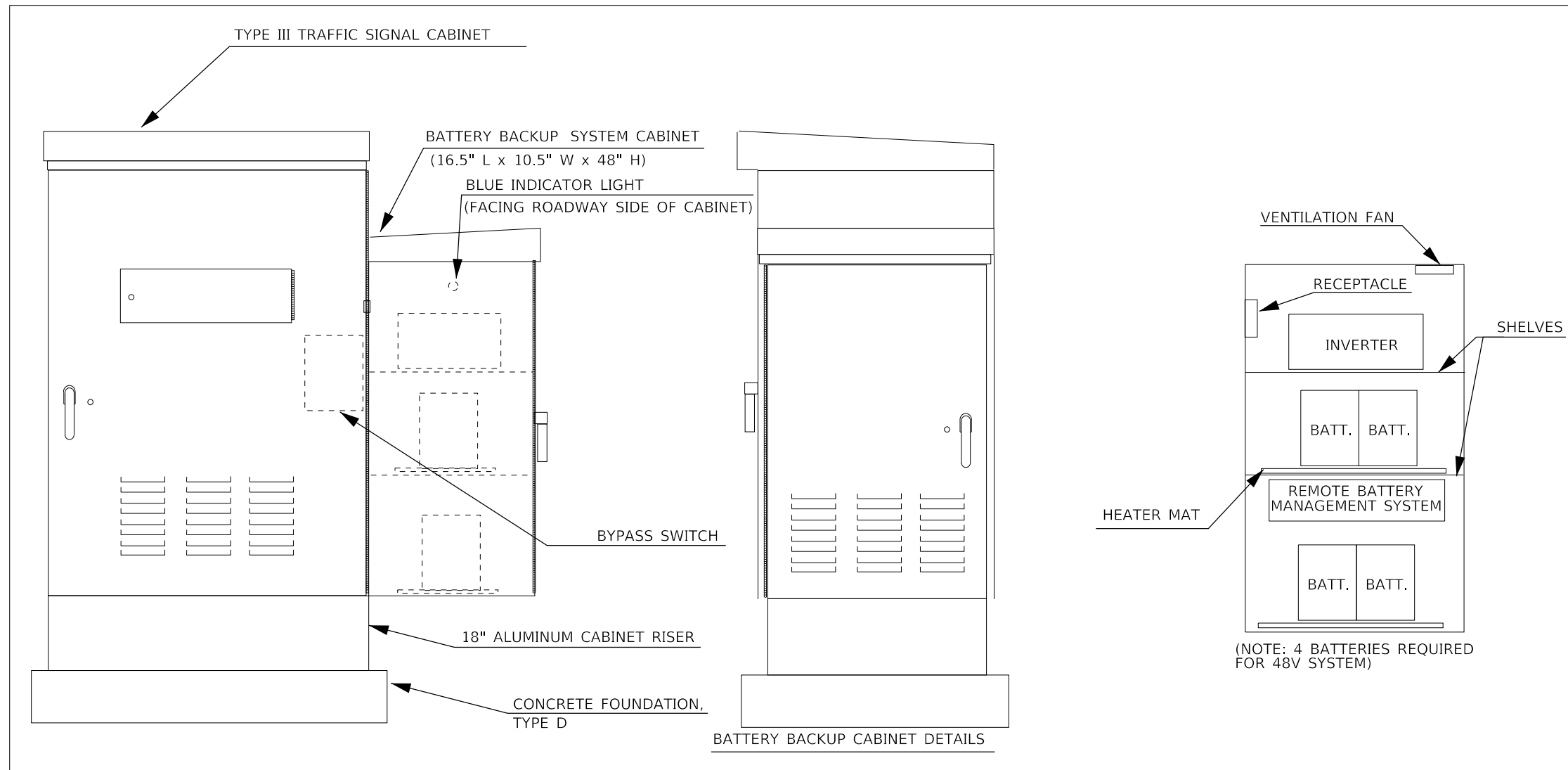
	USER NAME = CurtasL	DESIGNED - IDOT D4	REVISED -
	FILENAME = D415176-sh1-TS009.dgn	DRAWN - IDOT D4	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED - CCC	REVISED -
	PLOT DATE = 6/28/2023 5:43:47 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL SERVICE DETAIL
US 24 AT NOFSINGER RD

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	109
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				



NOTES:

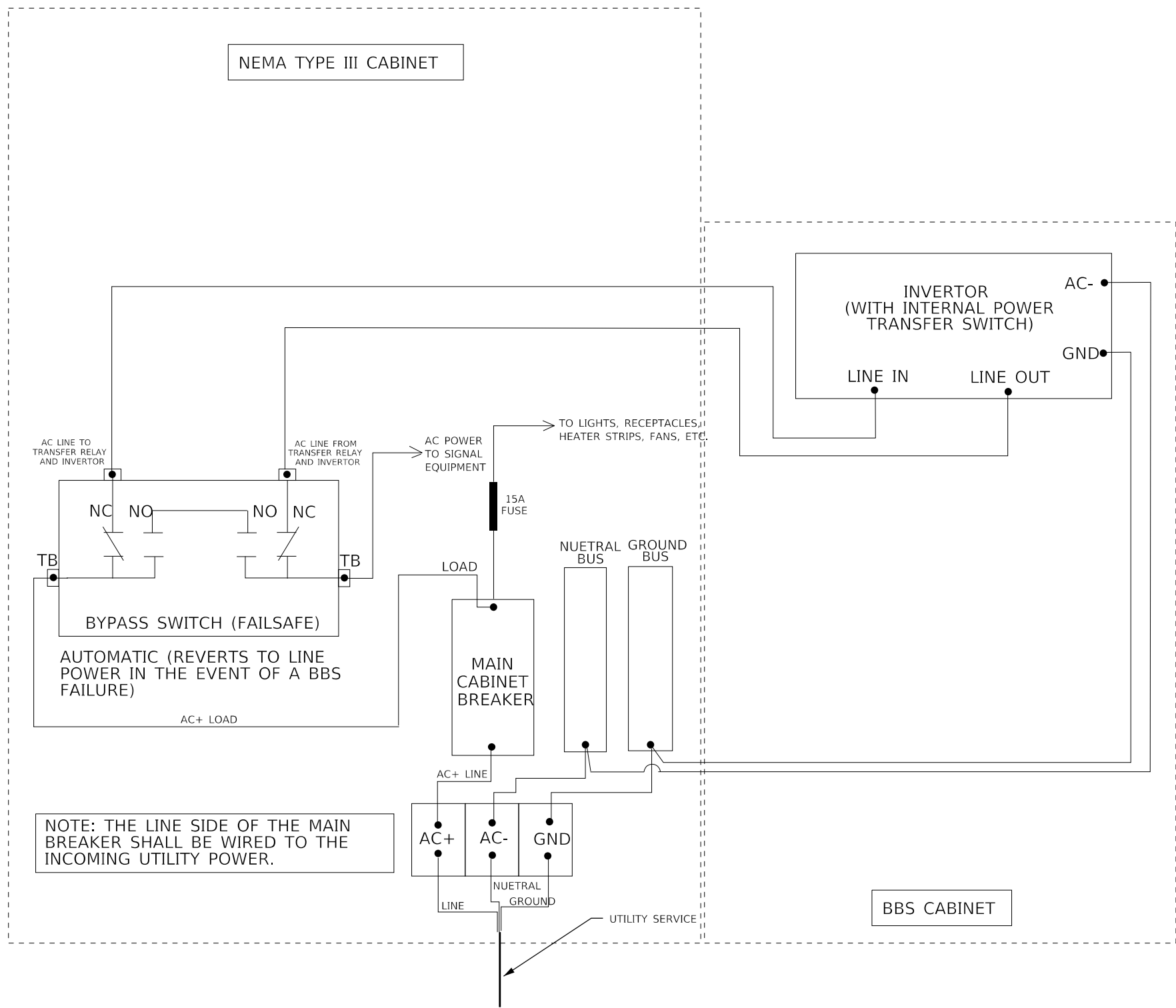
1. THE BATTERY BACKUP SYSTEM CABINET SHALL BE A NEMA TYPE 3R CABINET WITH MINIMUM OUTSIDE DIMENSIONS OF (16.5" L x 10.5" W x 48" H). THE CABINET SHALL BE EQUIPPED WITH A THREE POINT LATCHING MECHANISM, TWO SHELVES, THERMOSTATICALLY CONTROLLED VENTILATION FAN, AND A POWER RECEPTACLE. THE CABINET SHALL BE MOUNTED TO THE SIDE OF THE PROPOSED TYPE IV CABINET WITH THE BOTTOM OF THE CABINET SUPPORTED BY THE CONCRETE FOUNDATION.
2. ALL CABINET LIGHTS, HEATER STRIPS, VENTILATION FANS, AND SERVICE RECEPTACLES SHALL BE BYPASSED WHEN THE BATTERY BACKUP UNIT IS OPERATING IN BATTERY MODE.
3. THE BATTERY BACKUP UNITS CONTACTS SHALL BE WIRED TO PROVIDE LOCAL CONTROLLER ALARMS (AS AVAILABLE IN THE PROPOSED CABINETS).
4. THE BYPASS SWITCH SHALL BE AUTOMATIC AND SHALL BE INSTALLED IN THE BBS CABINET.
5. THE BATTERY BACKUP SYSTEM SHALL INCLUDE A REMOTE BATTERY MANAGEMENT SYSTEM TO PROVIDE DETAILED REAL-TIME INFORMATION ON BATTERY STATUS AND HAVE THE ABILITY TO PERFORM INTELLIGENT BATTERY BALANCING TO EXTEND BATTERY LIFE.

	USER NAME = CurtasL	DESIGNED - IDOT D4	REVISED -
	FILENAME = D415176-shr-TS010.dgn	DRAWN - IDOT D4	REVISED -
	PLOT SCALE = 10.0000' / 1in.	CHECKED - CCC	REVISED -
	PLOT DATE = 6/28/2023 5:44:30 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL BATTERY BACKUP SYSTEM DETAIL 1 OF 3			
US 24 AT NOFSINGER RD			
SCALE:	SHEET 9	OF 11 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	110
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				



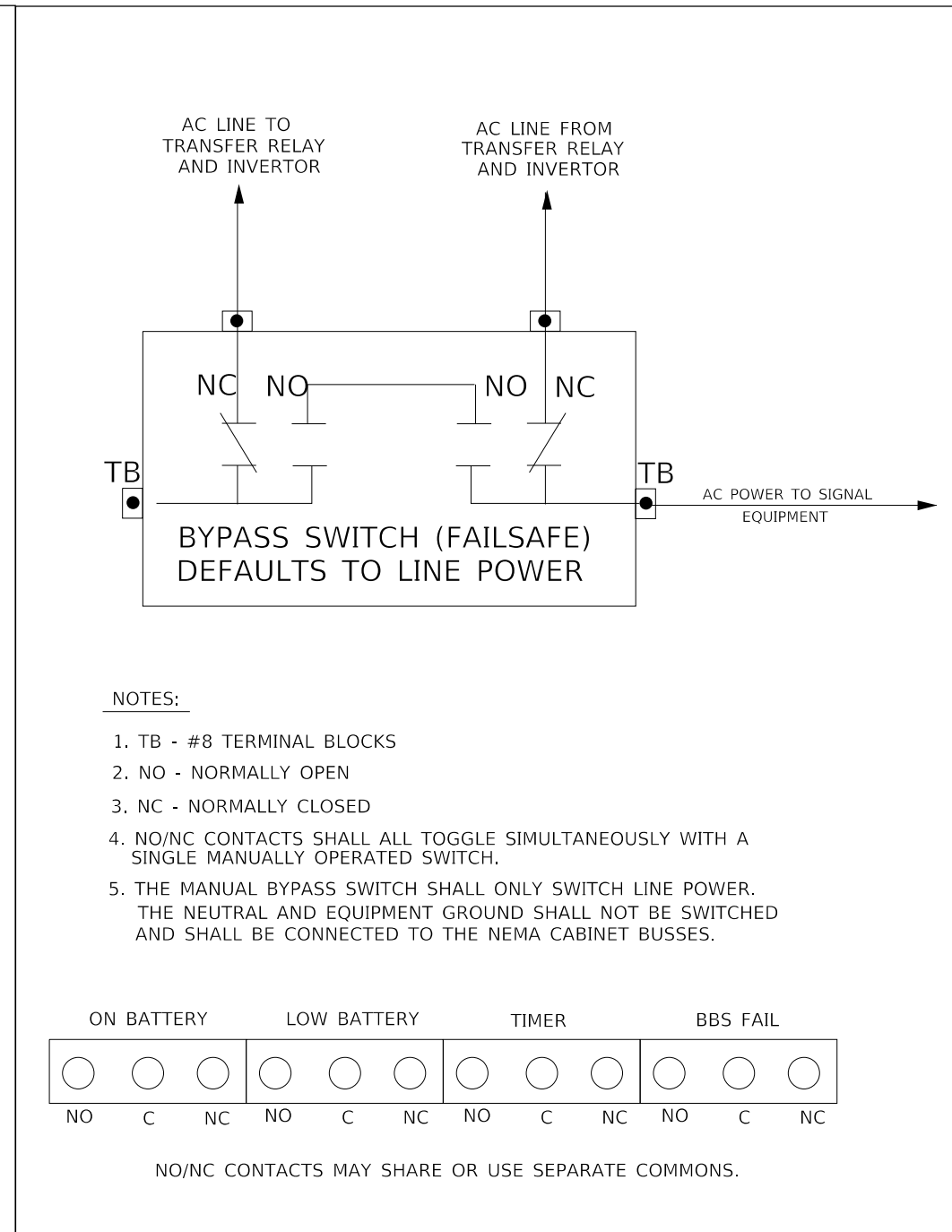
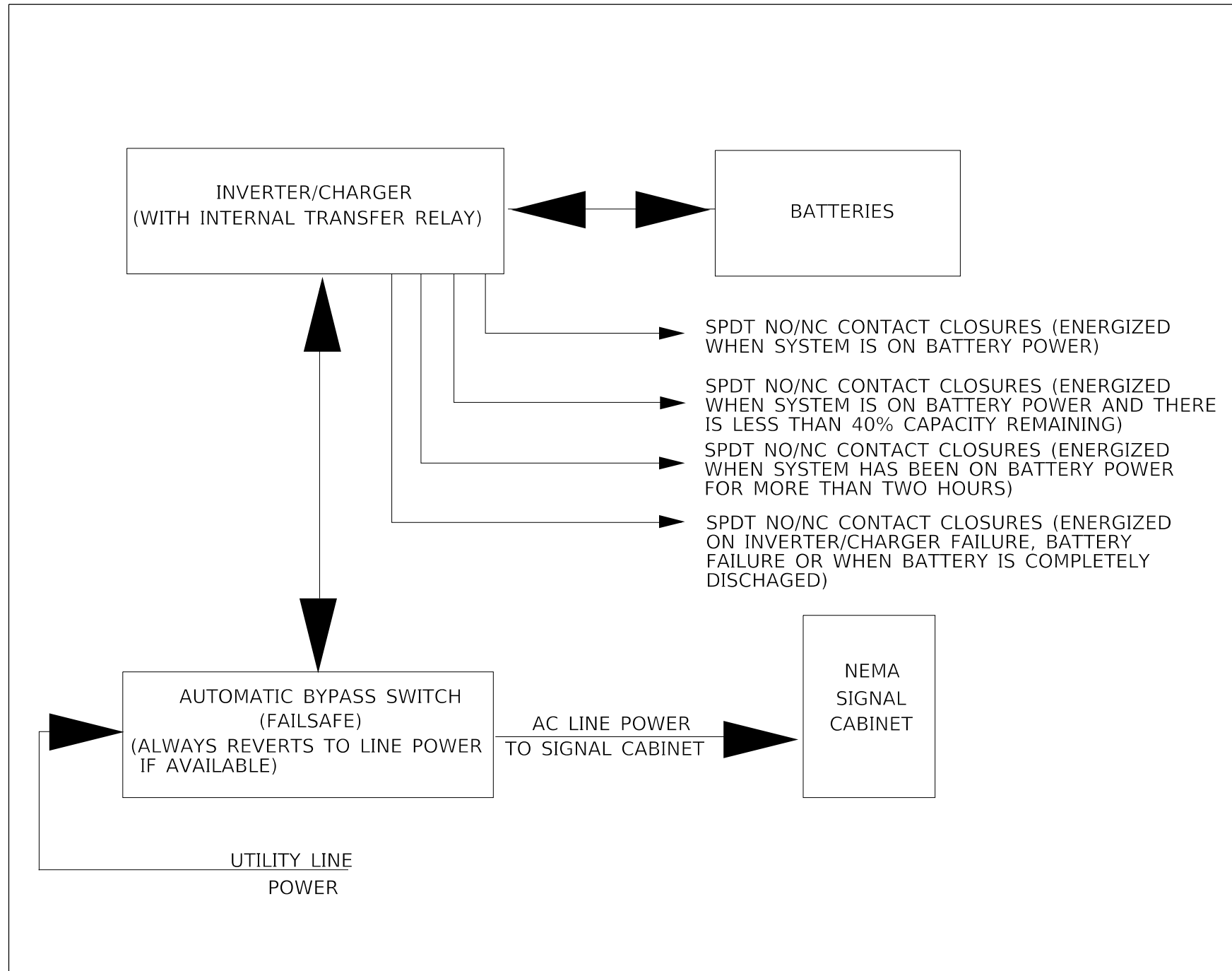
	USER NAME = CurtasL	DESIGNED - IDOT D4	REVISED -
	FILENAME = D415176-shr-TS011.dgn	DRAWN - IDOT D4	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED - CCC	REVISED -
	PLOT DATE = 6/28/2023 5:45:11 PM	DATE - 5/5/2023	REVISED -

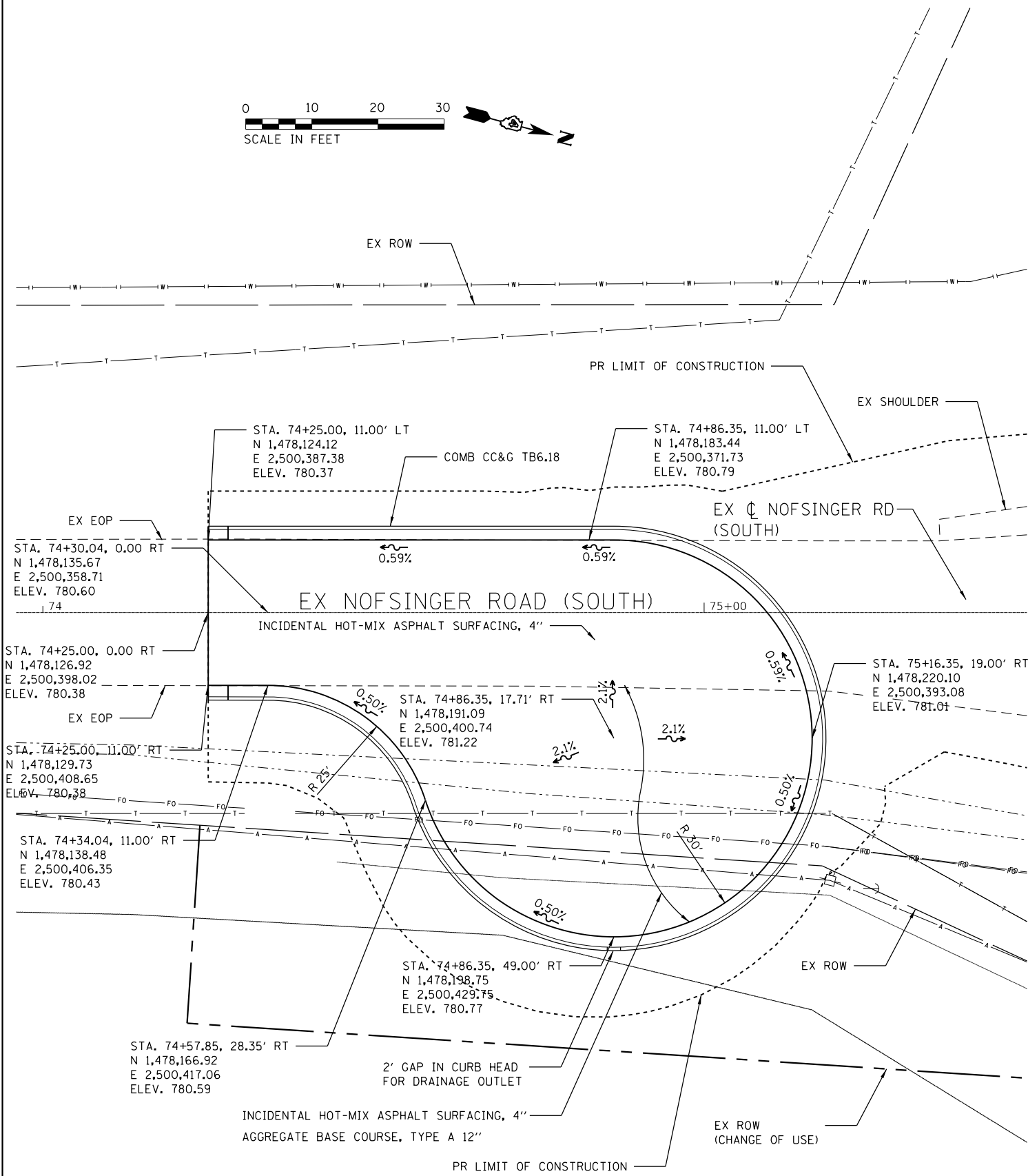
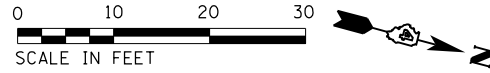
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL BATTERY BACKUP SYSTEM DETAIL 2 OF 3
US 24 AT NOFSINGER RD**

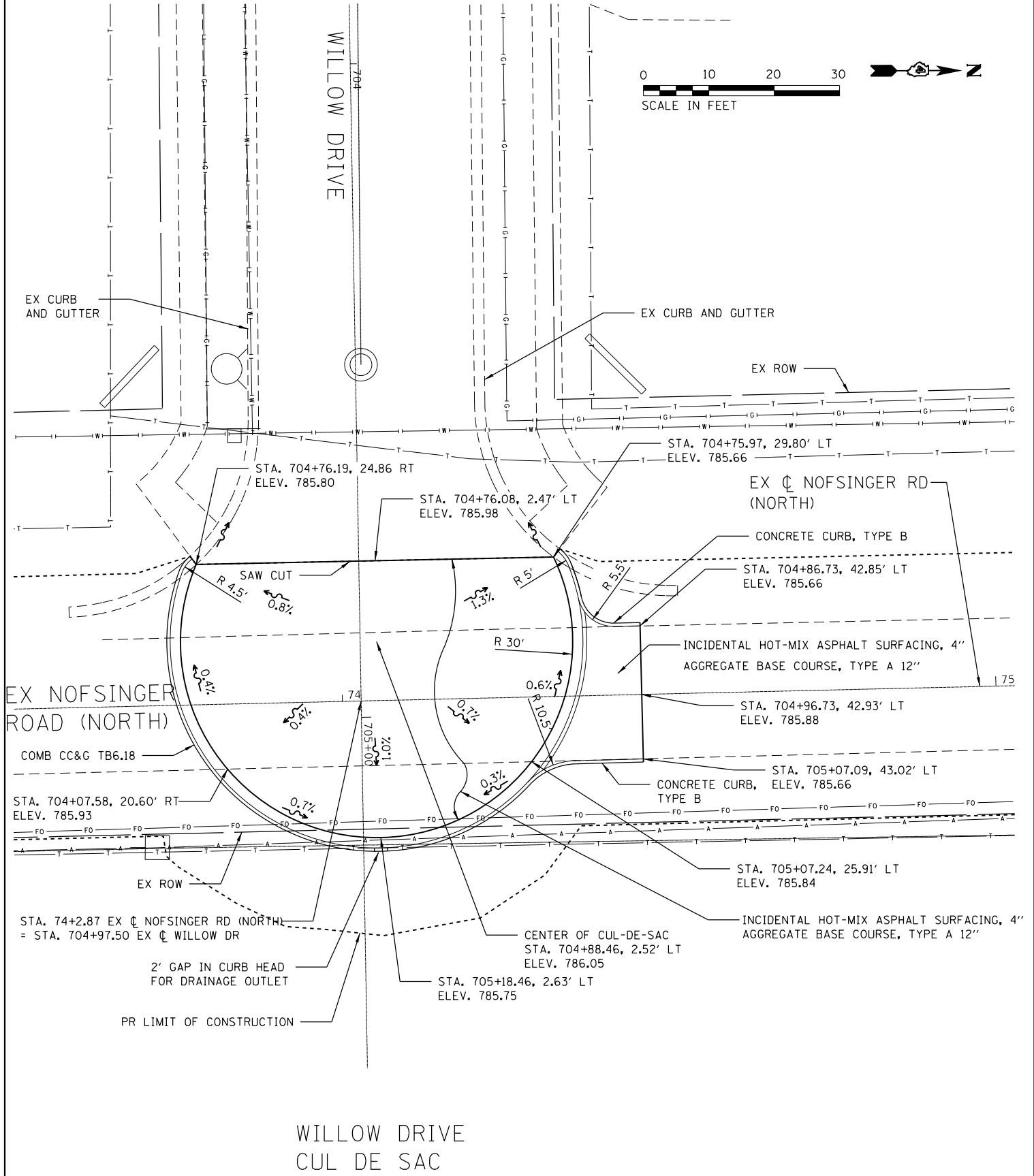
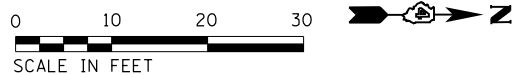
SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	111
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				





EXISTING NOFSINGER ROAD (SOUTH OF US 24)
CUL DE SAC



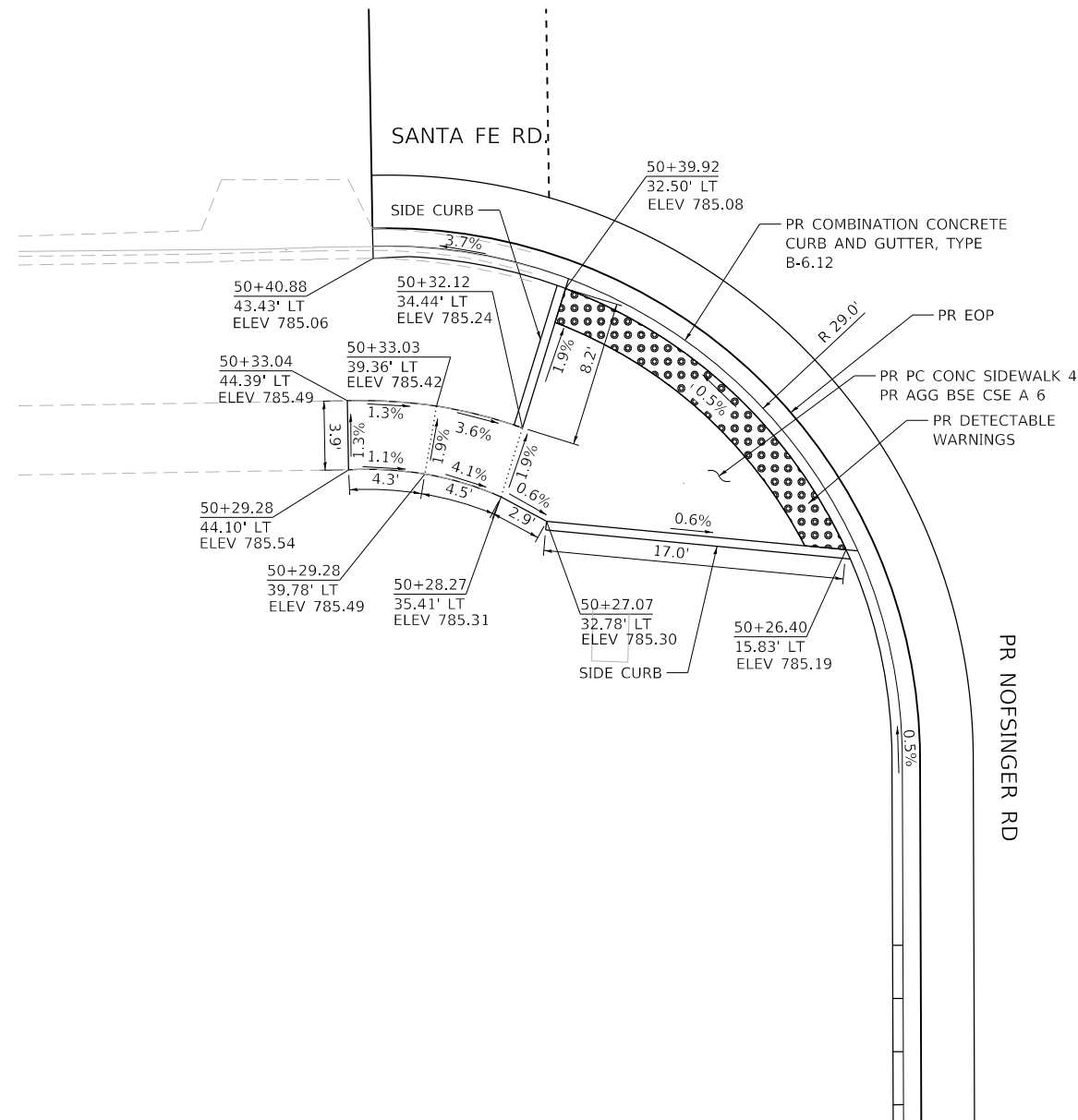
WILLOW DRIVE
CUL DE SAC

	USER NAME = CurtasL	DESIGNED - CL	REVISED -
	FILENAME = D415176-shr-misc001.dgn	DRAWN - AE/CL	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
	PLOT DATE = 6/28/2023 8:02:23 PM	DATE - 5/5/2023	REVISED -

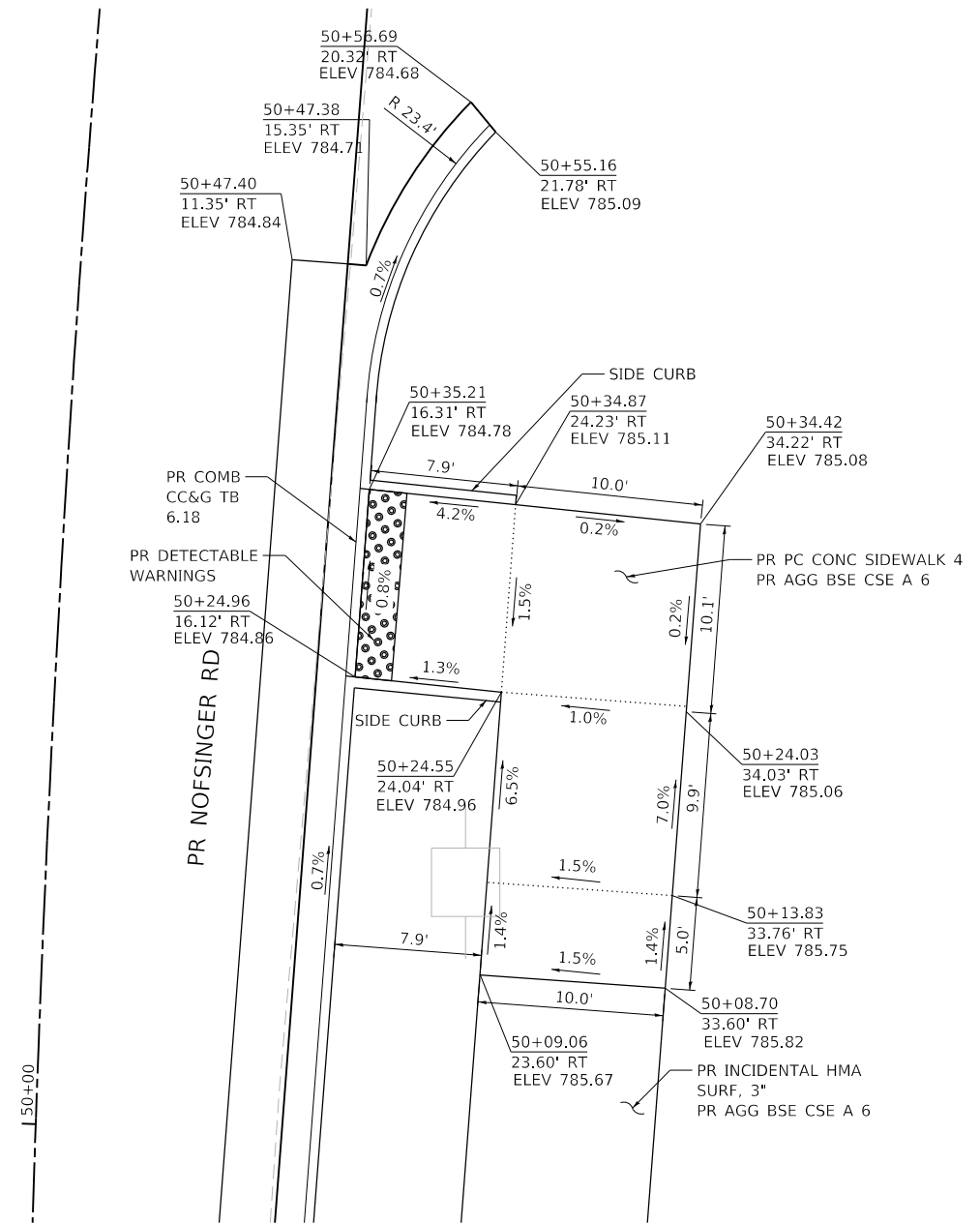
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CUL-DE-SAC DETAILS			
SCALE:	SHEET 1	OF 1	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	113
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89849	



SOUTHWEST CORNER OF SANTA FE ROAD AND NOFSINGER ROAD



SOUTHEAST QUADRANT OF SANTA FE ROAD AND NOFSINGER ROAD

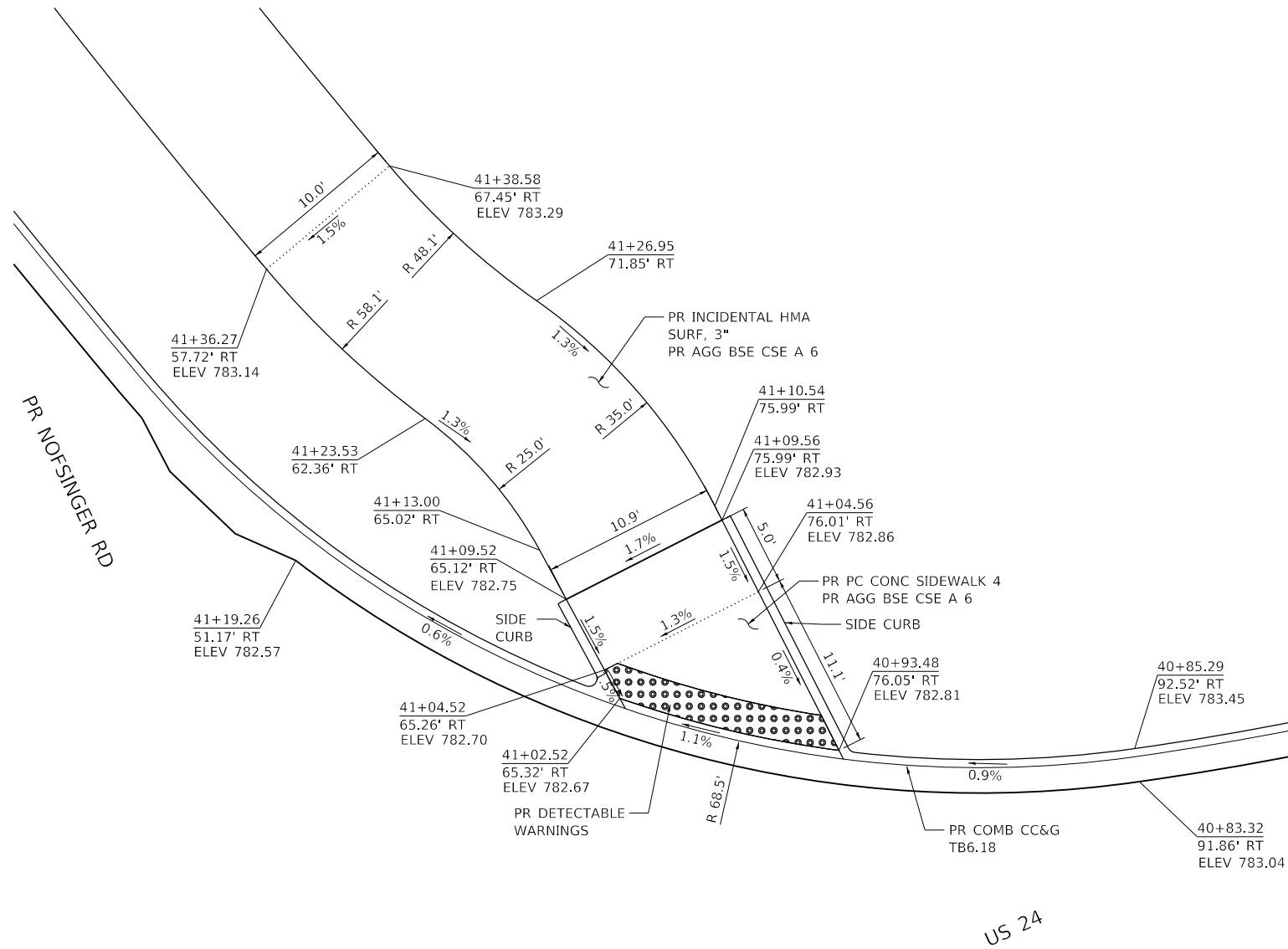
	USER NAME = CurtissL	DESIGNED - AE	REVISED -
	FILENAME = D415176-SHT-CURB-RAMP-01.dgn	DRAWN - AE	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED - CCC	REVISED -
	PLOT DATE = 6/28/2023 5:47:17 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

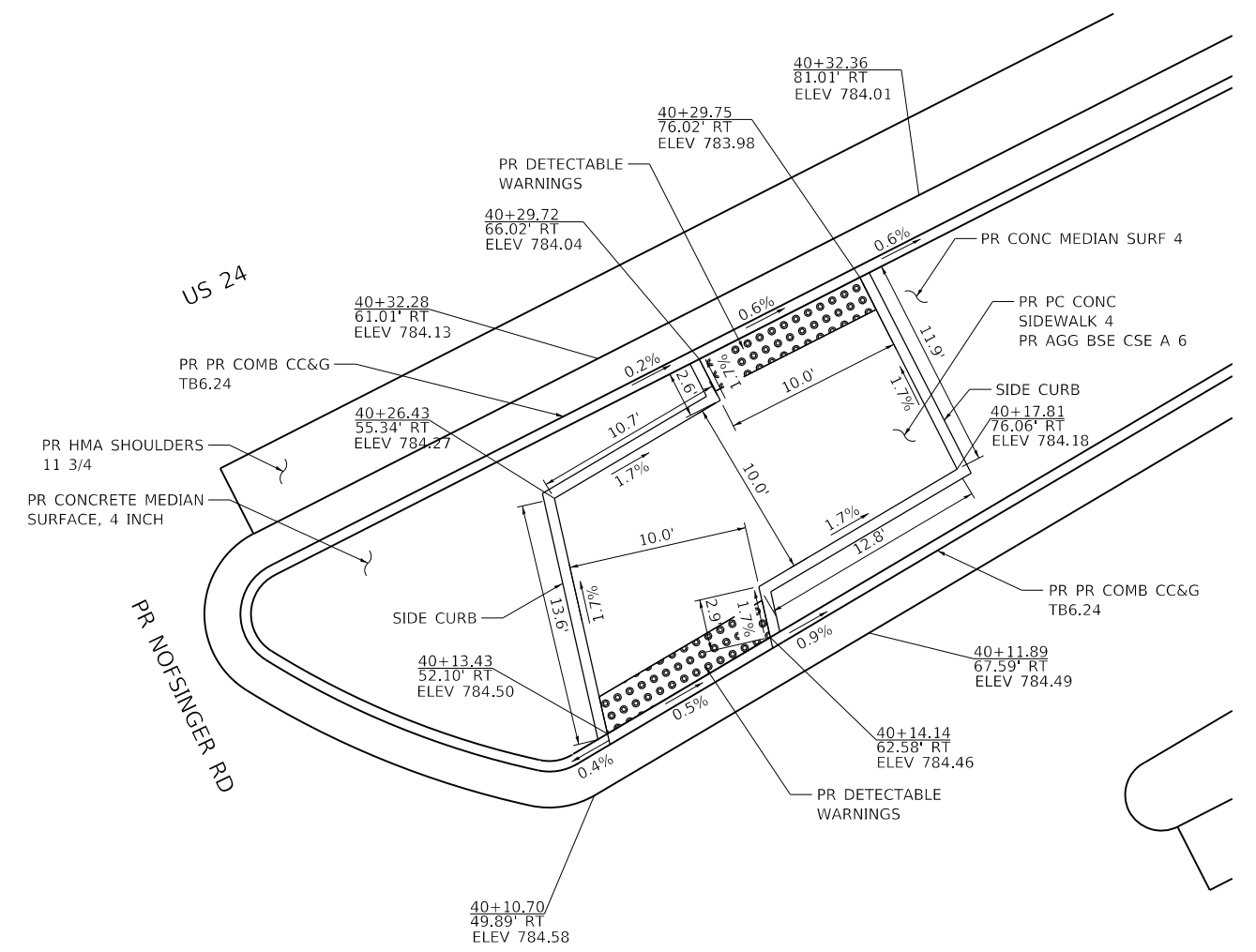
ADA RAMP DETAILS

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	114
CONTRACT NO. 89849			ILLINOIS FED. AID PROJECT	



NORTHEAST CORNER OF US 24 AND NOFSINGER ROAD



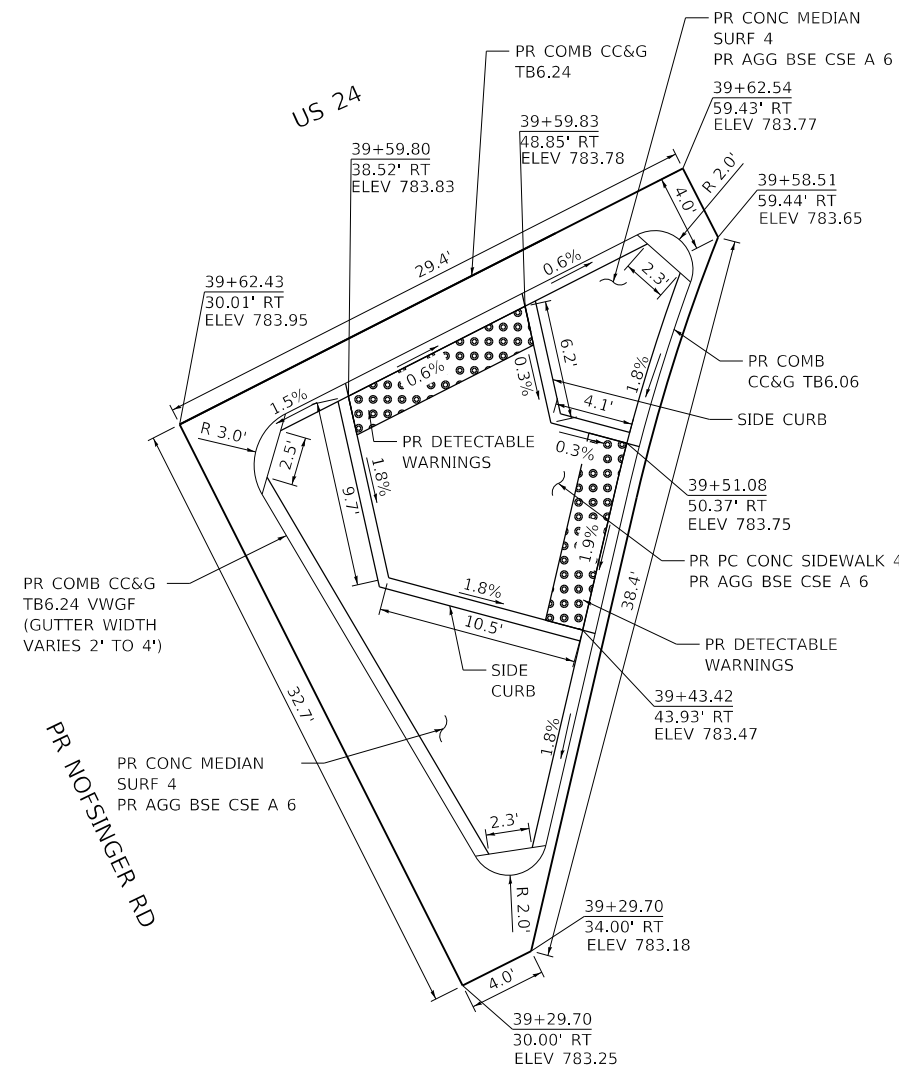
USER NAME = Curtisl	DESIGNED - AE	REVISED -
FILENAME = D415176-SHT-CURB-RAMP-02.dgn	DRAWN - AE	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - CCC	REVISED -
PLOT DATE = 6/28/2023 5:47:59 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

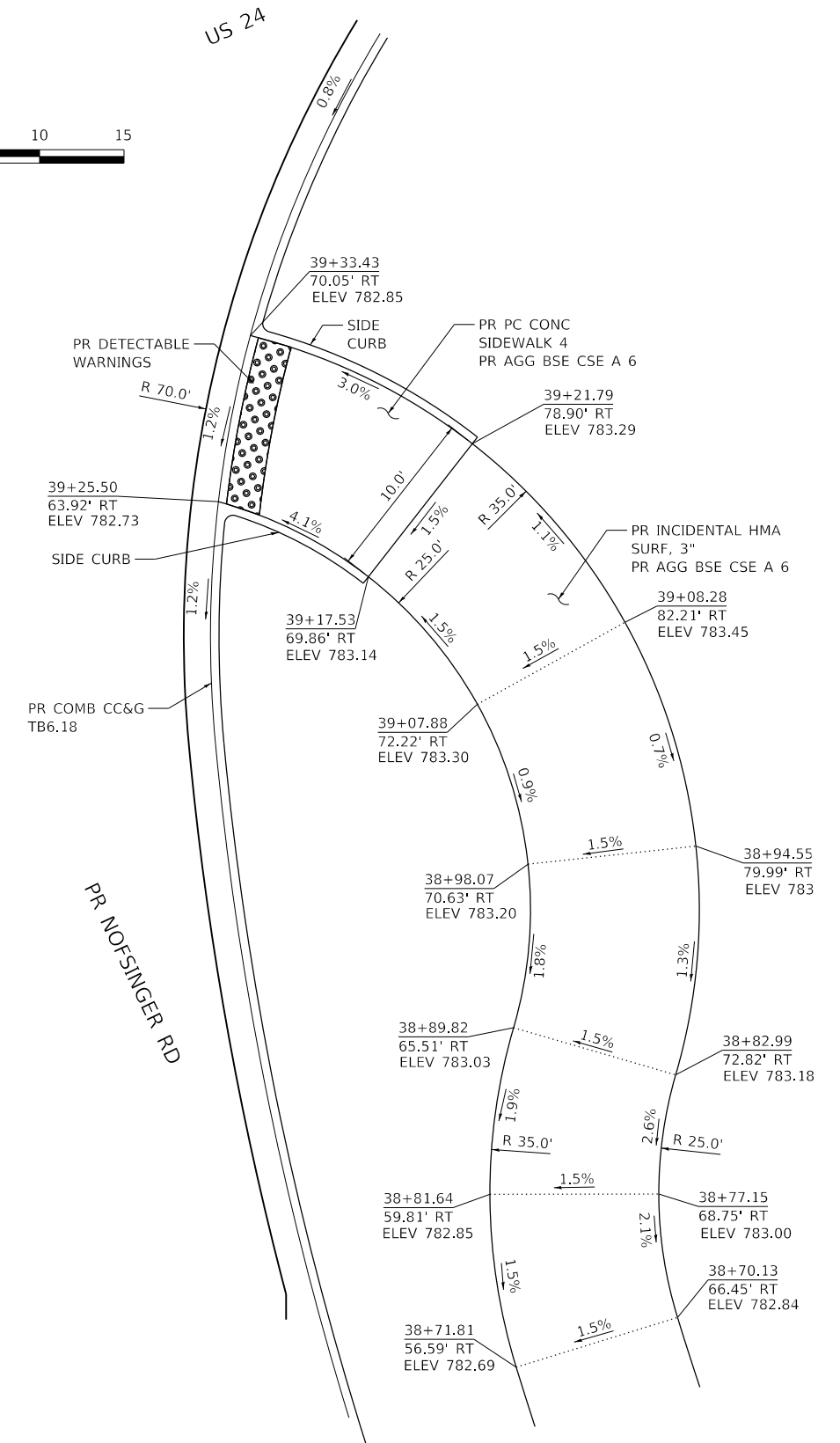
ADA RAMP DETAILS

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	115
CONTRACT NO. 89849			ILLINOIS FED. AID PROJECT	



SOUTHEAST ISLAND INTERSECTION OF US 24 AND NOFSINGER ROAD



SOUTHEAST CORNER OF US 24 AND NOFSINGER ROAD



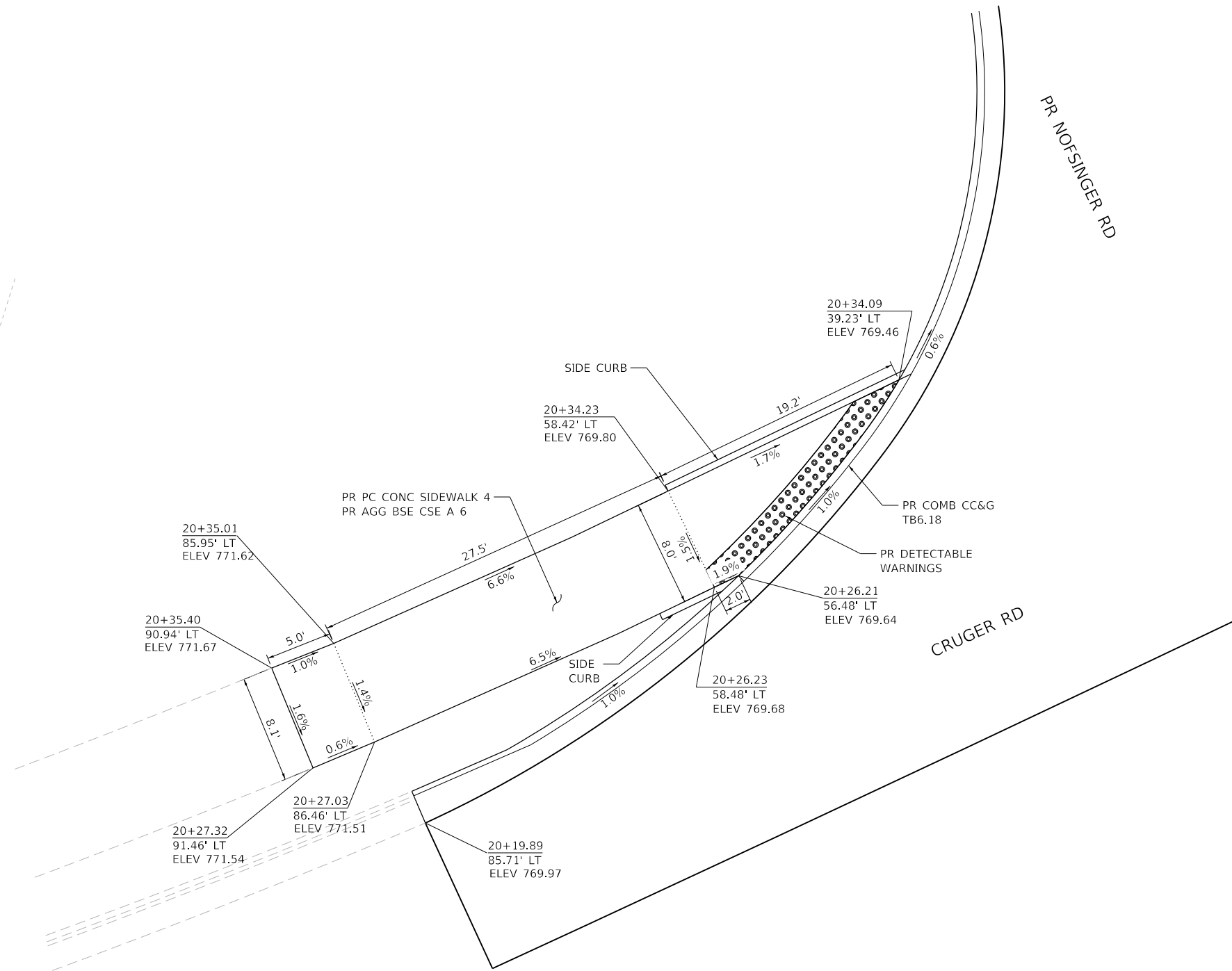
USER NAME = CurtissL	DESIGNED - AE	REVISED -
FILENAME = D415176-SHT-CURB-RAMP-03.dgn	DRAWN - AE	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - CCC	REVISED -
PLOT DATE = 6/28/2023 5:48:34 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	116
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				



NORTHWEST CORNER OF CRUGER ROAD AND NOFSINGER ROAD



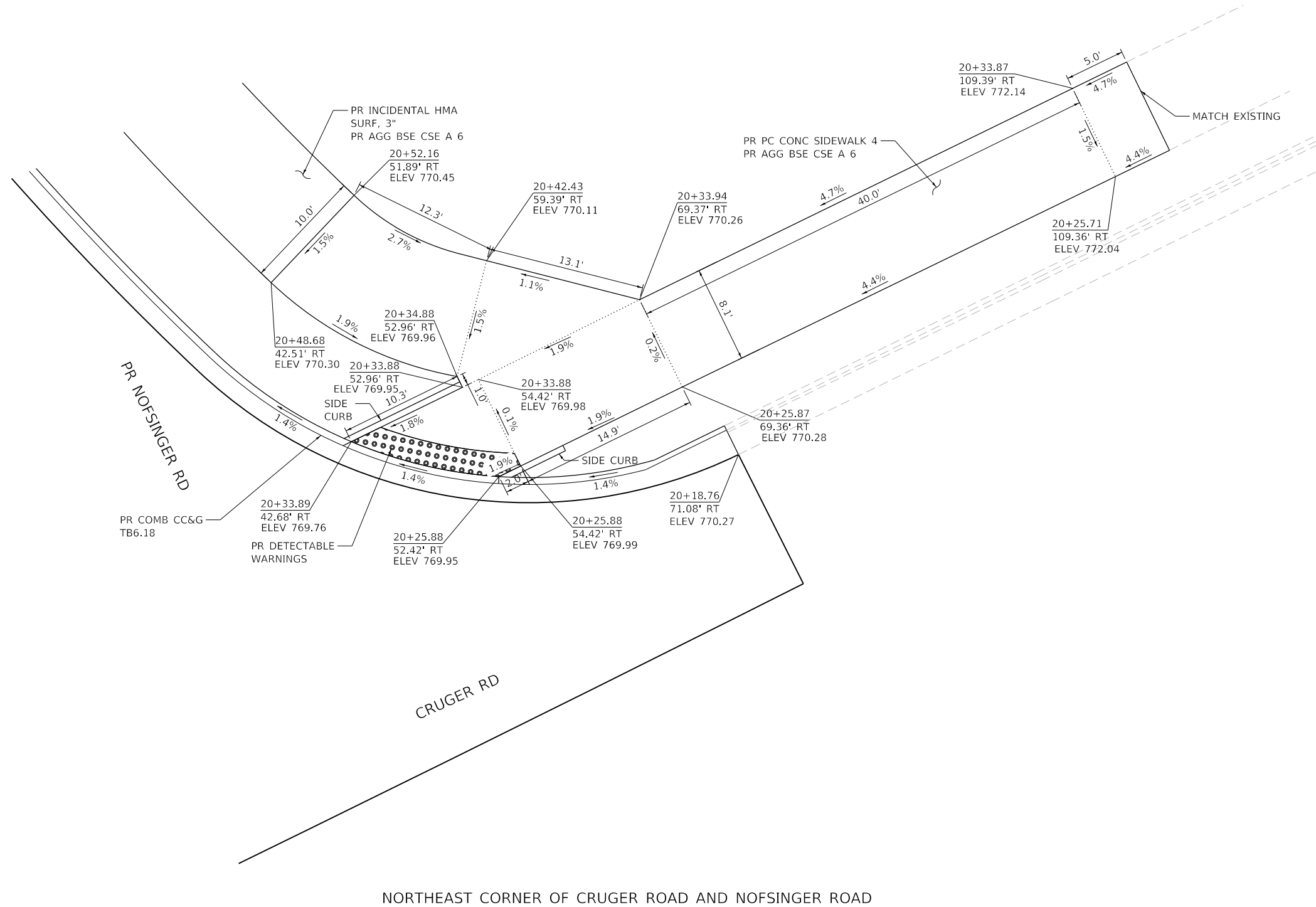
USER NAME = CurtasL	DESIGNED - AE	REVISED -
FILENAME = D415176-SHT-CURB-RAMP-04.dgn	DRAWN - AE	REVISED -
PLOT SCALE = 10.0000' / 1" =	CHECKED - CCC	REVISED -
PLOT DATE = 6/28/2023 5:49:08 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	117
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				



NORTHEAST CORNER OF CRUGER ROAD AND NOFSINGER ROAD



USER NAME = CurtasL	DESIGNED - AE	REVISED -
FILENAME = D415176-SHT-CURB-RAMP-05.dgn	DRAWN - AE	REVISED -
PLOT SCALE = 10.0000' / 1\"/>		

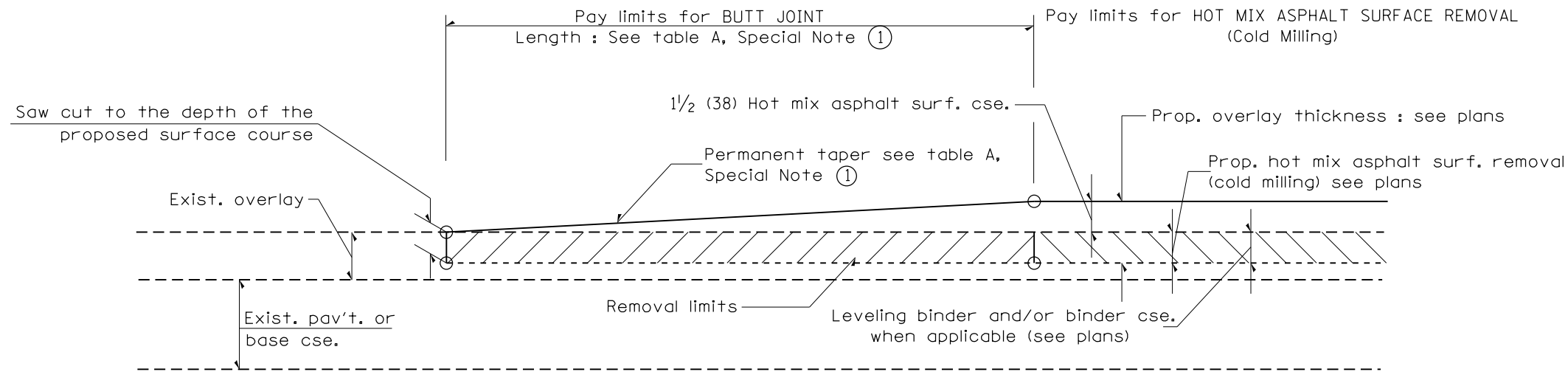
CHECKED - CCC	DATE - 5/5/2023	REVISED -
---------------	-----------------	-----------

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	118
CONTRACT NO. 89849			ILLINOIS FED. AID PROJECT	



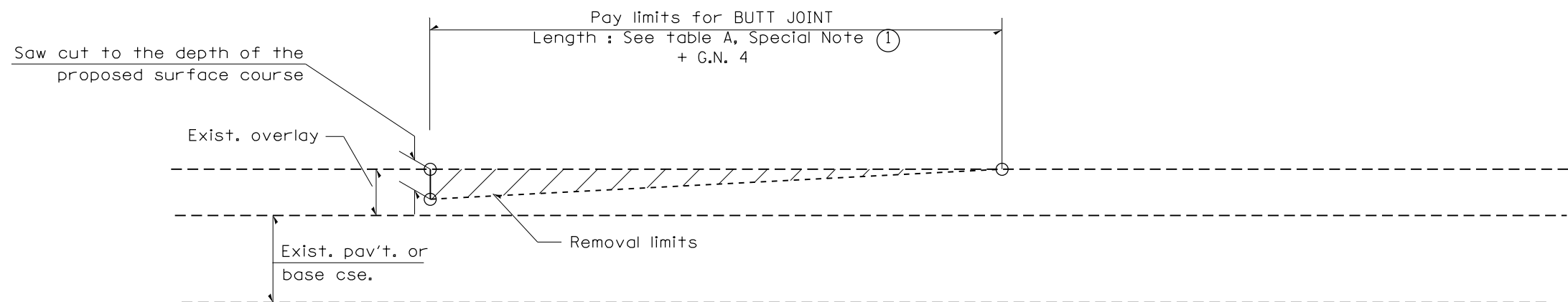
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

GENERAL NOTES

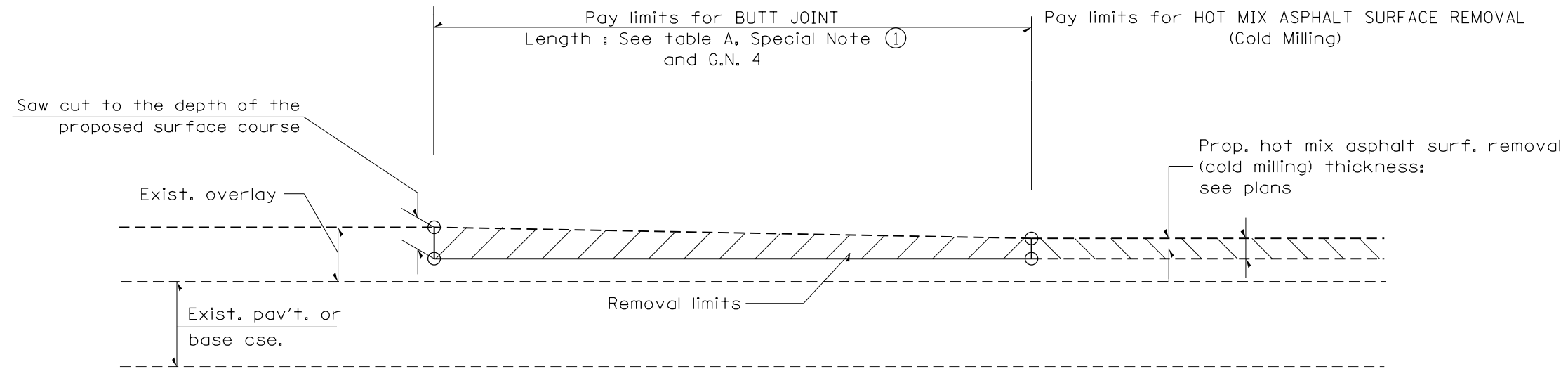
1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



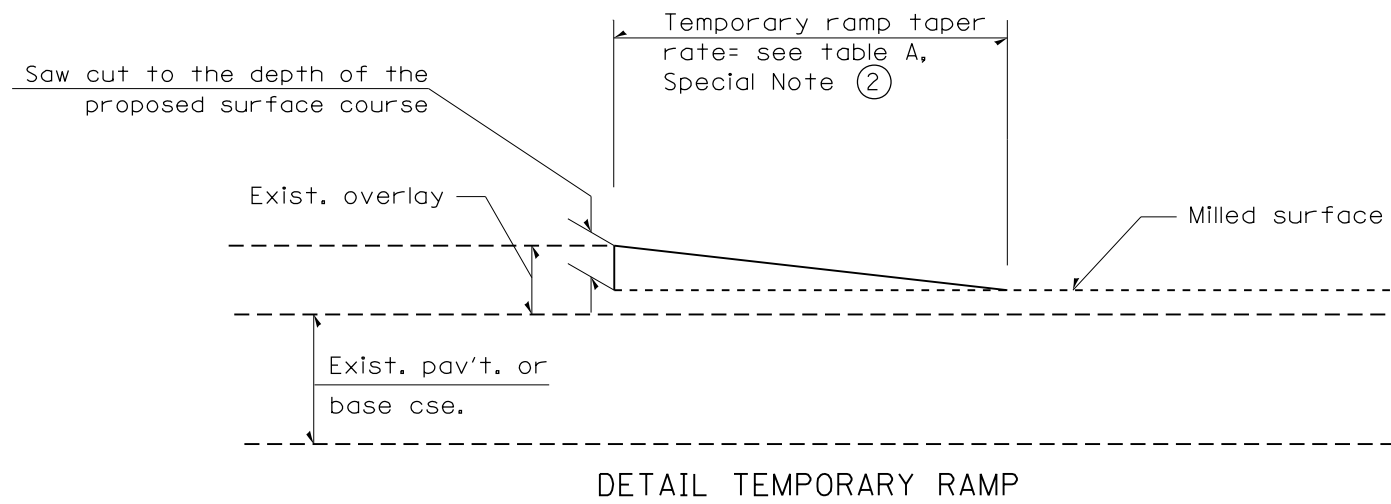
CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.	08-21-13	MAJOR MODIFICATIONS	R.D.	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINTS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
04-01-97	CORRECTION TO DEPTH	J.A.	02-29-16	MINOR CORRECTIONS	R.D.			317	23-00113-00-SP	TAZEWELL	181	119	
09-15-05	REVISED DESIGNER NOTE	M.M.A.	04-12-16	MINOR CORRECTIONS	R.D.			SHT. 1 OF 3 CADD STD. 406101-D4					
10-16-06	REVISED TO 2007 SPEC.	M.A.	02-14-17	ADDED NOTE 5	R.D.			NOT TO SCALE					
								CONTRACT NO. 89849 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



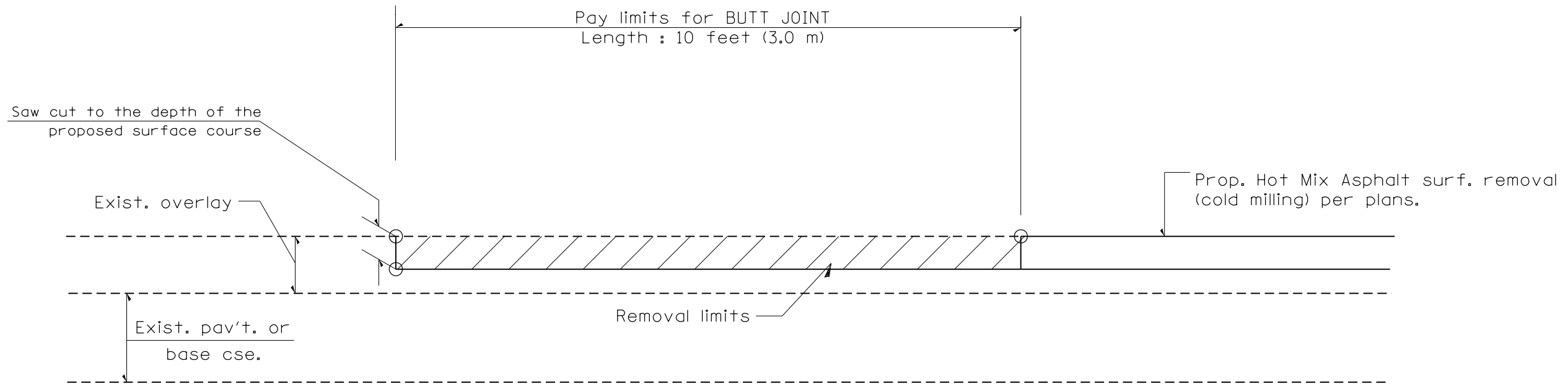
**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER**



All dimensions are in inches (millimeters) unless otherwise noted.

				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
317	23-00113-00-SP	TAZEWELL	181	120					
D415176-sh1-MISC005.dgn		5:58:56 PM		CONTRACT NO. 89849					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT							

NOT TO SCALE



CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

All dimensions are in inches (millimeters) unless otherwise noted.

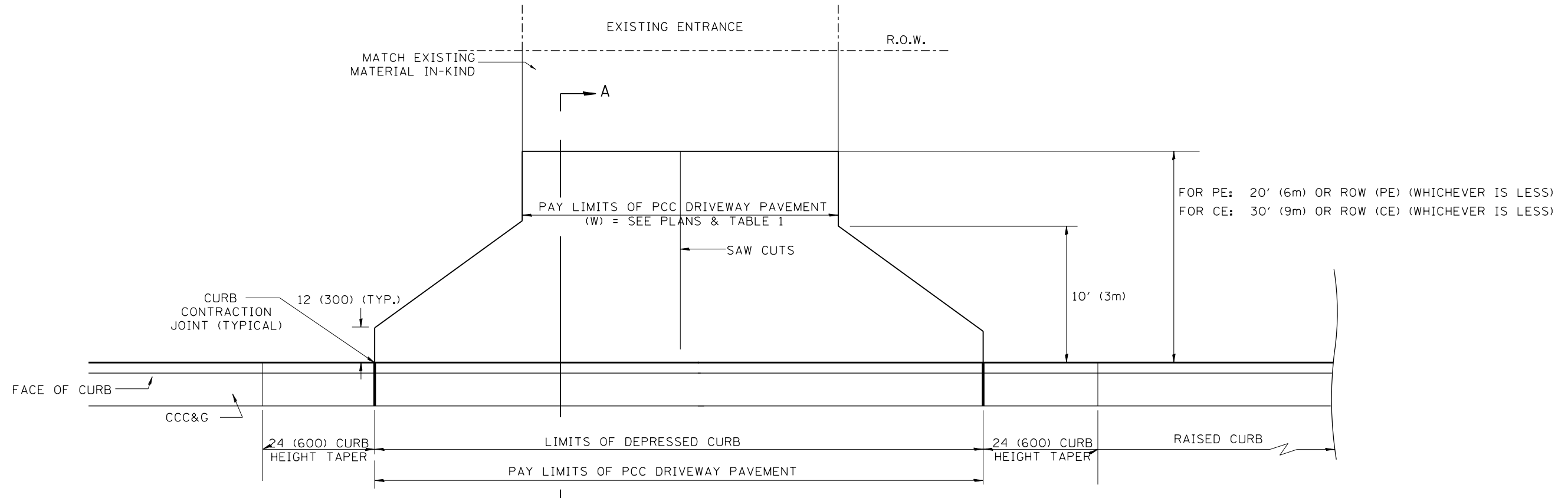
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINTS

NOT TO SCALE

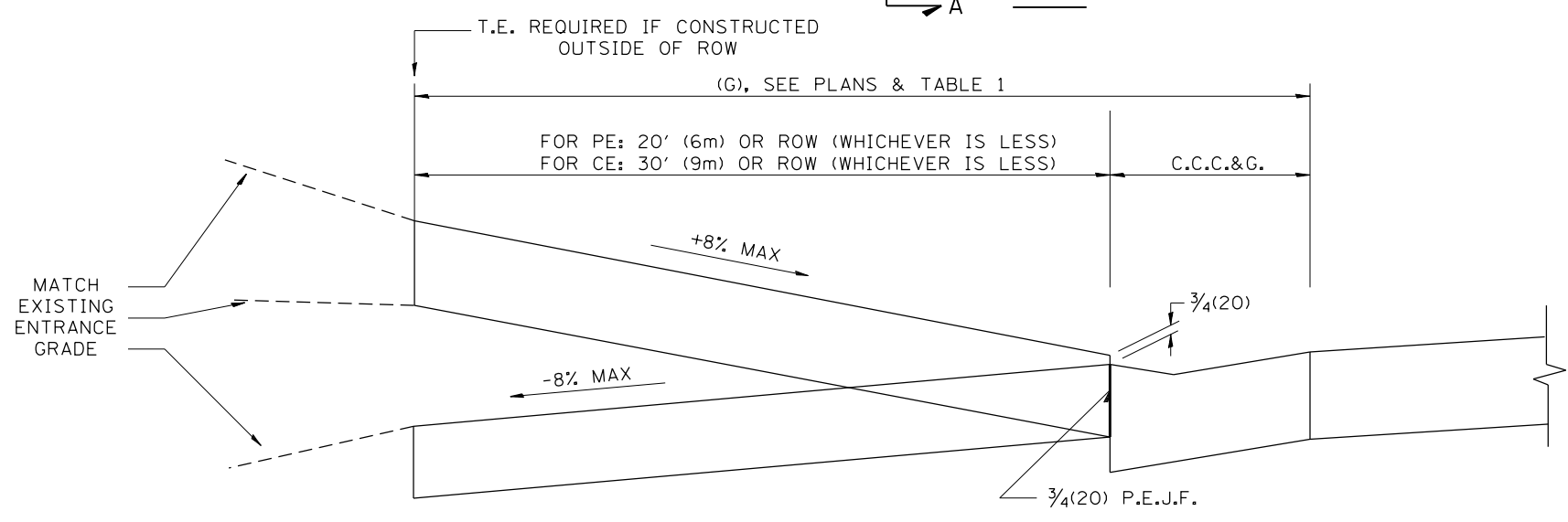
SHT. 3 OF 3
CADD STD. 406101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
31723-00113-00-SP		TAZEWELL	181	121
D415176-sh1-MISC006.dgn		5:51:15 PM	CONTRACT NO. 89849	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



FOR PE: 20' (6m) OR ROW (PE) (WHICHEVER IS LESS)
 FOR CE: 30' (9m) OR ROW (CE) (WHICHEVER IS LESS)

PLAN



SECTION A-A

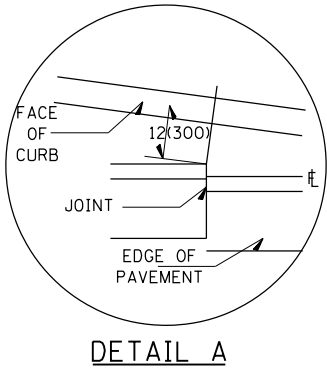
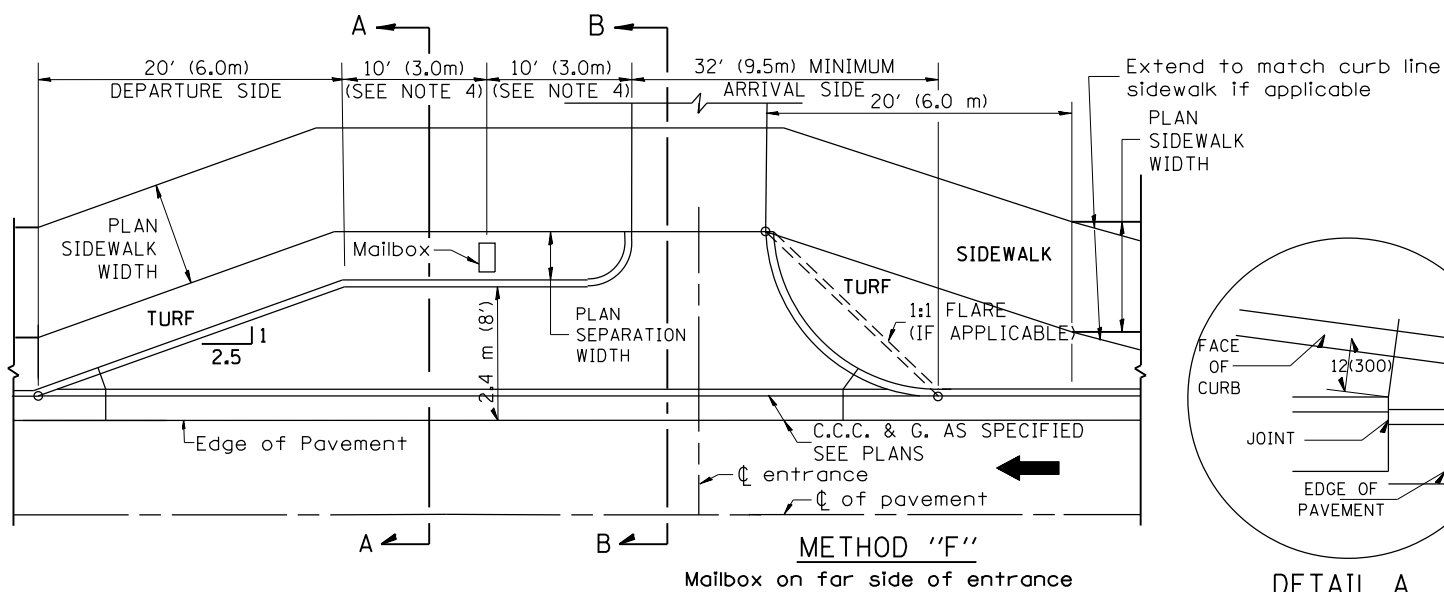
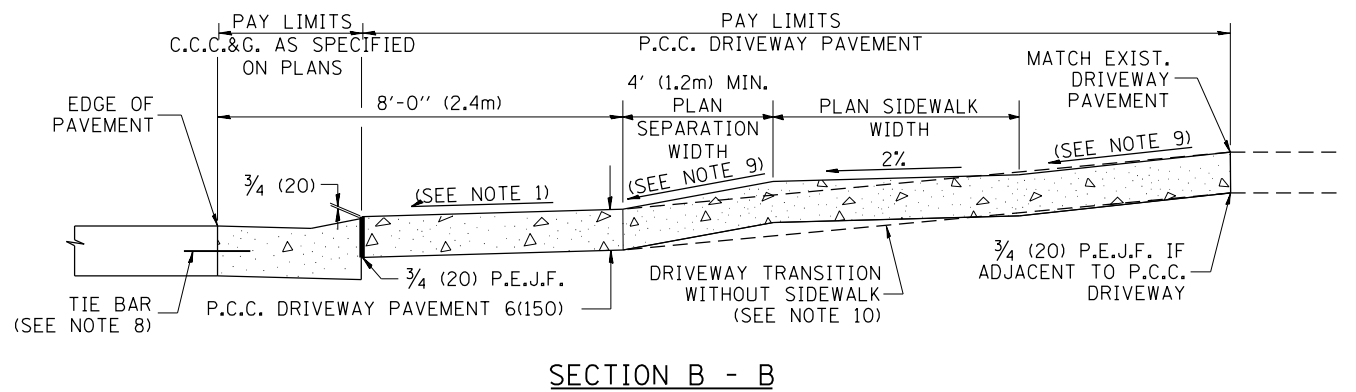
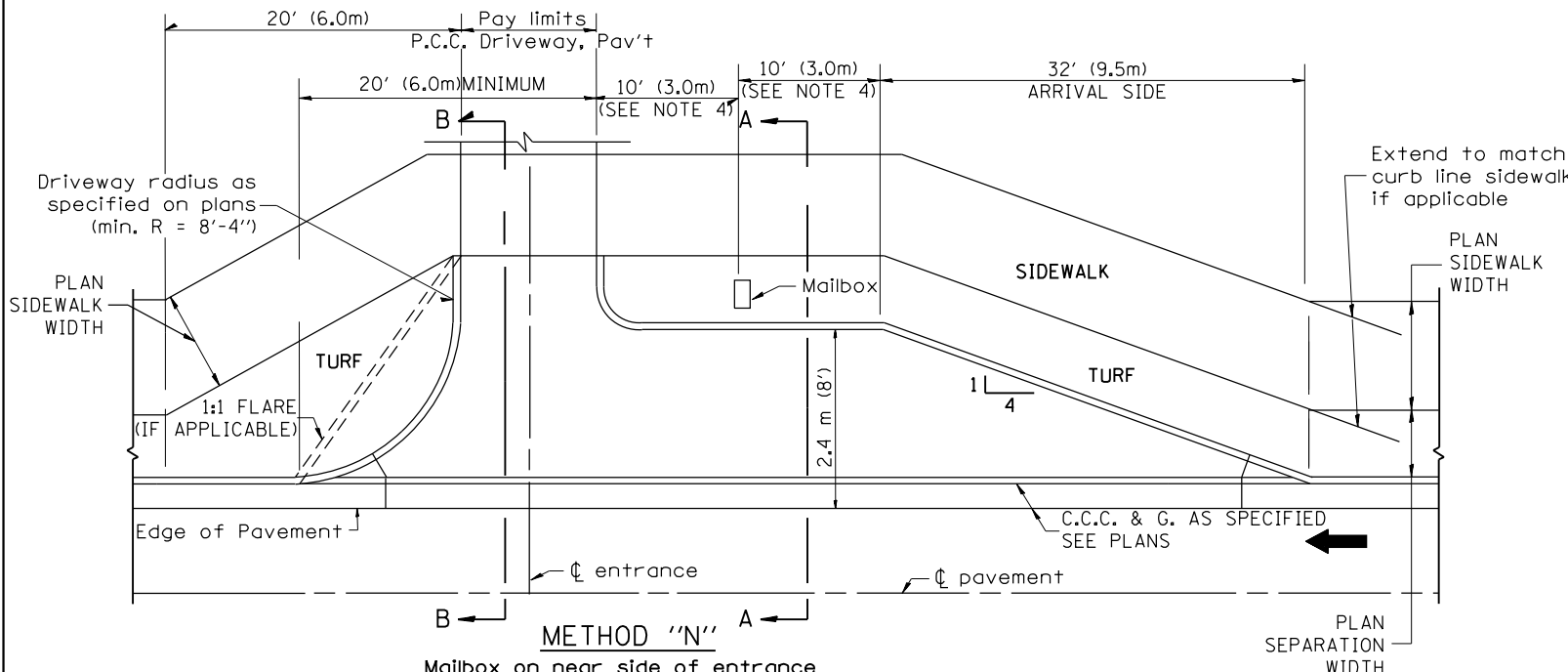
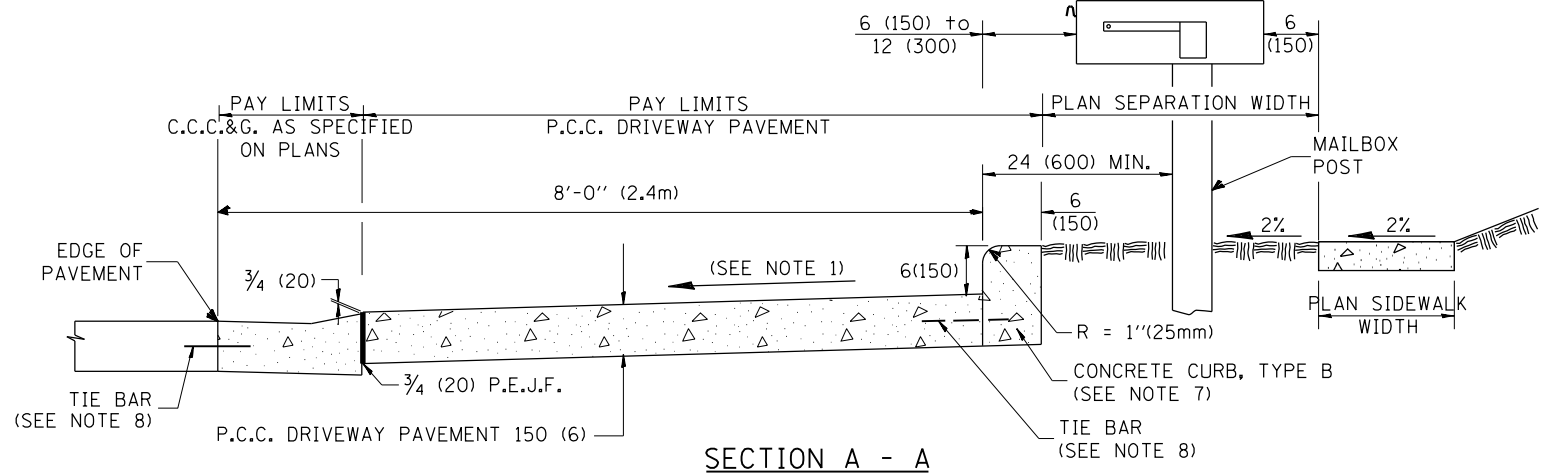
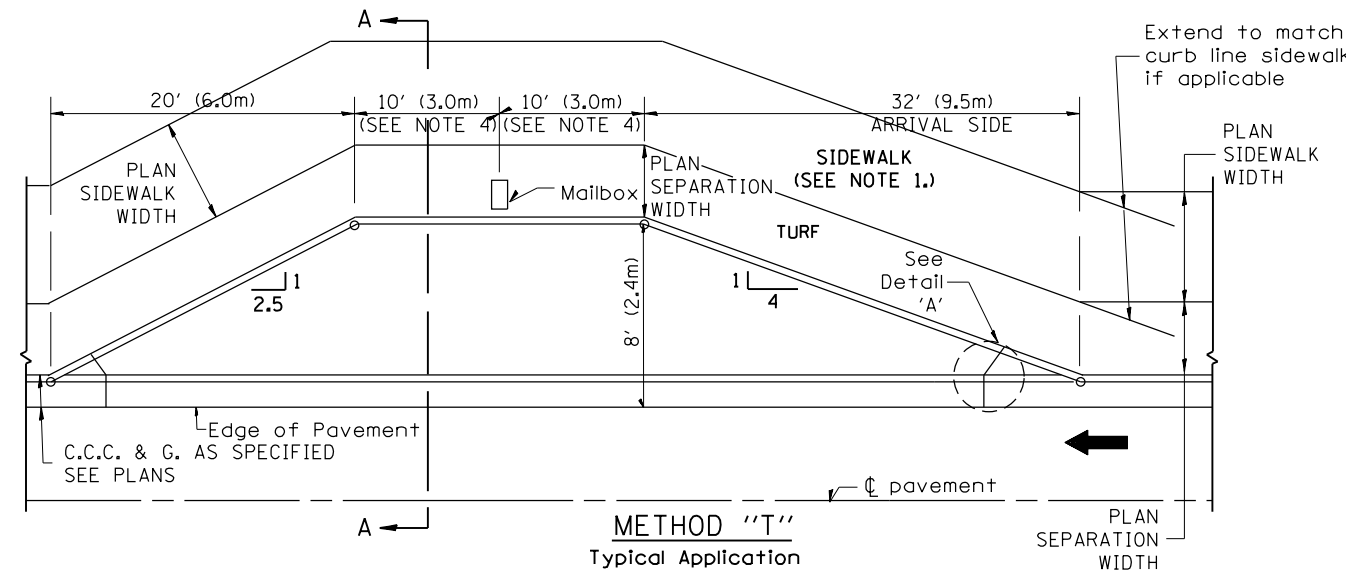
GENERAL NOTES

1. COMBINATION CONCRETE CURB & GUTTER SHALL BE DEPRESSED IN ACCORDANCE WITH STANDARD 606001.
2. C.C.C. & G. WILL BE MEASURED FOR PAYMENT AS SPECIFIED IN ARTICLE 606.13 OF THE STANDARD SPECIFICATIONS.
3. C.C.C. & G. CONSTRUCTION JOINTS WILL BE AS SHOWN ON STANDARD 606001.
4. EXCEPTIONS TO THE RADIUS FLARE/PROPERTY LINE RELATIONSHIP ARE AS SHOWN IN THE PLANS FOR COMMON ENTRANCES, WITH JOINTLY EXECUTED ACCESS PERMITS.

ELEMENT	NON-COMMERCIAL		COMMERCIAL			
			1-WAY OPERATION		2-WAY OPERATION	
WIDTH (W)	12' (3.6m)MIN.	24' (7.2m)MAX.	14' (4.3m)MIN.	24' (7.2m)MAX.	24' (7.2m)MIN.	35' (10.7m)MAX.
RADIUS EQUIVALENT 1:1 FLARE (F)	5' (1.5m)MIN.	25' (7.6m)MAX.	15' (4.6m)MIN.	40' (12.0m)MAX.	15' (4.6m)MIN.	40' (12.0m)MAX.
MAX. GRADE (G)	8%		6%			

All dimensions are in inches (millimeters) unless otherwise noted.

DESIGNER NOTES:
 1. THIS DRAWING SHOULD BE USED IN URBAN AREAS (CURB & GUTTER) WHEN ALTERNATE METHODS OF MAIL DELIVERY IS NOT AN OPTION (i.e. SIDEROAD DELIVERY; POST OFFICE BOX, WALK ROUTES, ETC) PRIOR TO USE, DISCUSSIONS WITH THE LOCAL POSTMASTER/ MUNICIPALITY SHOULD BE HELD TO DETERMINE APPROPRIATE MAIL DELIVERY OPTION.
 2. CONSIDERATION SHOULD BE GIVEN TO CONTINUOUS PAVING OF TURNOUTS AT LOCATIONS WHERE THE DISTANCE BETWEEN TURNOUT CONTROL POINTS IS LESS THAN 50' (15.0m).



GENERAL NOTES

1. Cross slope 2% to 4% (max) adjacent to normal crown roadway. See plans for turnout slopes on super elevated horizontal curves.
2. Mailboxes shall be mounted such that the face of the mailbox is 6(150) to 12(300) and the post a minimum of 24(600) from the face of the turnout curb.
3. The mailbox turnout shall be constructed according to Section 423 of the Standard Specification, with grooves at approximately 10'-0" (3.0 m) centers.
4. If more than one mailbox is present, this dimension shall be measured from the end box in each direction.
5. Refer to the plans for entrance width, length and surface type.
6. Driveway curbs shall be tapered from the full height to ground level in a distance of approximately 24(600) when applicable.
7. The Concrete Curb, Type B shall be included in the cost of P.C.C. Driveway Pavement. It is the contractor's option to pour the Concrete Curb, Type B monolithically with the driveway pavement. If it is poured separately, the Concrete Curb, Type B shall be constructed in accordance with Standard 606001 and connected to the proposed Driveway Pavement with tie bars.
8. Tie bars shall be placed in accordance with Standard 606001 and shall be included in the cost of the specified C.C.C.&G.
9. Cross slope to be constructed as given in the plans and District CADD Standards for urban entrances.
10. Where there is no sidewalk behind proposed turnout, the cross slope is to be constructed as given in the plans from back of turnout to where driveway matches existing.

All dimensions are in inches (millimeters) unless otherwise noted.

05-01-97	NEW DRAWING	J.A.		
10-16-06	REVISED TO 2007 SPEC.	M.A.		

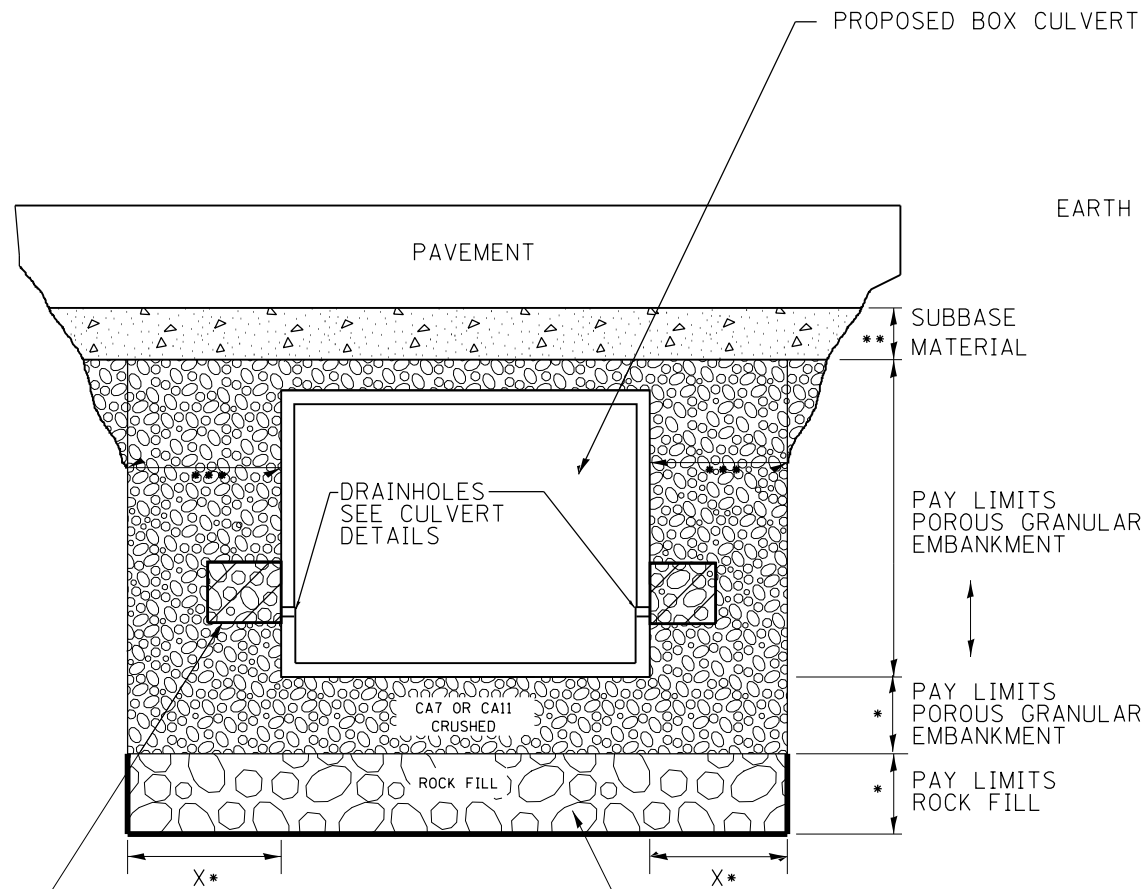
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUTS IN CURB AND GUTTER SECTION
 NOT TO SCALE
 CADD STD. 423201-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	123
D:\415176-sh1-MISC008.dgn		5/5/27 PM	CONTRACT NO. 89849	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

1. IF DESIGN FILL IS < 2 FEET, CONTINUE PGE UP TO THE SUBBASE.
 2. IF DESIGN FILL IS ≥ 2 FEET AND ≤ 8 FEET OR DEPTH OF FILL ≤ SPAN OF LARGEST BOX IN CONFIGURATION, CONTINUE BACKFILLING WITH PGE.

ROADWAY PROFILE VIEW

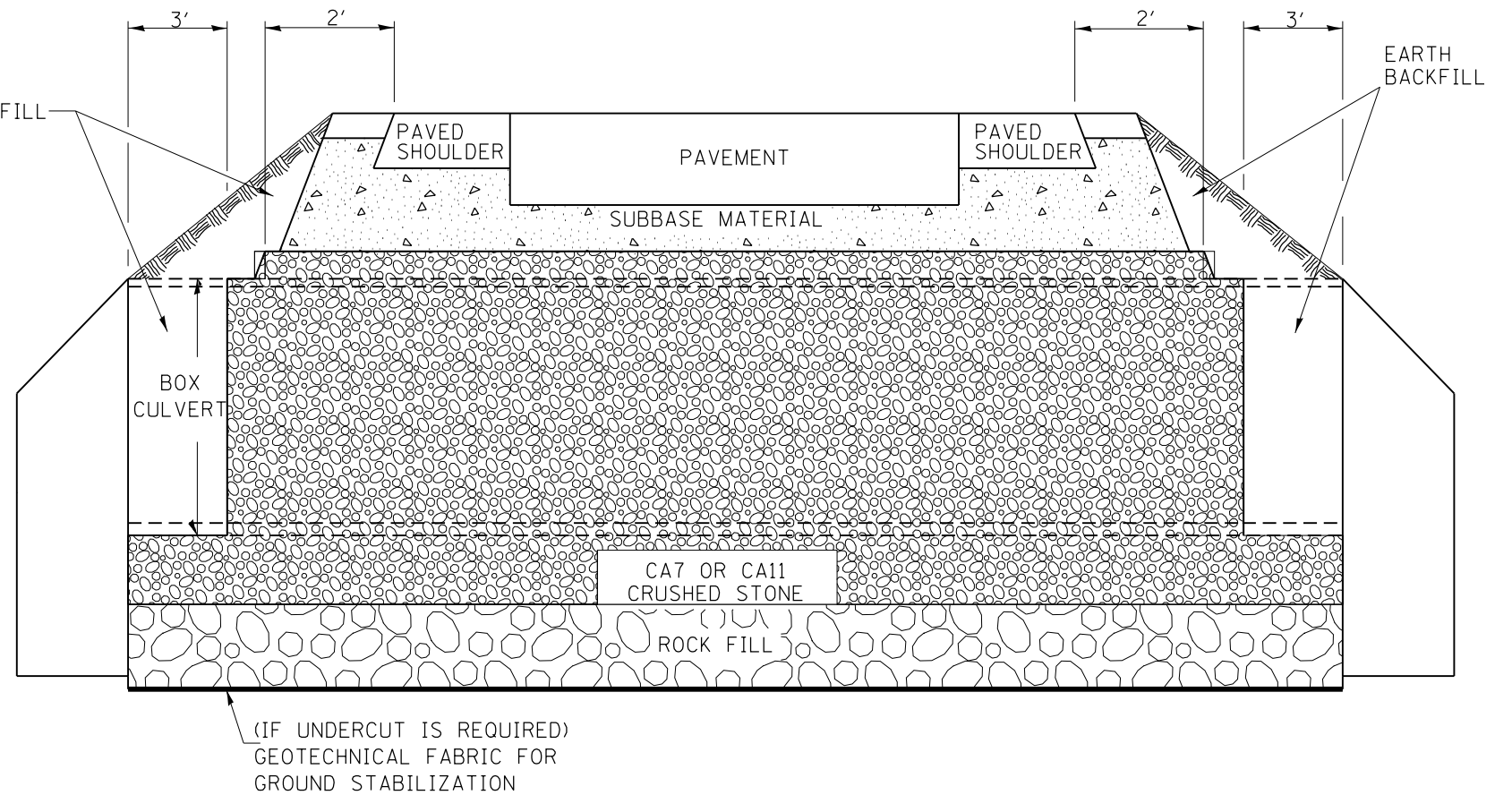


2' x 2' x 2' DEPOSIT OF CA 5, 7, OR 11 IN FABRIC ENVELOPE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS (TYPICAL)

(IF UNDERCUT IS REQUIRED) PROPOSED REMOVAL & DISPOSAL OF UNSUITABLE, AND REPLACE WITH ROCK FILL WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION. PAID FOR BY RESPECTIVE PAY ITEMS.

- * IF APPLICABLE, SEE UNDERCUT DETAIL FOR DEPTHS AND WIDTHS. IF THERE IS NO UNDERCUT, X = 2 FEET AND SEE NOTE 3 THIS SHEET.
- ** SUBBASE SHALL BE 6" MINIMUM LAYER OF CA6 CRUSHED STONE OR OTHER MATERIAL AS SPECIFIED IN THE PLANS.
- *** PAY LIMITS OF POROUS GRANULAR EMBARKMENT SHALL BE 2 FEET UNLESS OTHERWISE SHOWN IN THE PLANS.

ROADWAY CROSS SECTION VIEW



NOTES:

1. EXCEPT AS SPECIFIED IN THIS DETAIL, THE PLACEMENT AND COMPACTION OF BACKFILL SHALL BE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS.
2. POROUS GRANULAR EMBARKMENT SHALL BE PLACED IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS.
3. IF NO UNDERCUT IS REQUIRED, A 6" MINIMUM LAYER OF POROUS GRANULAR EMBARKMENT SHALL BE PLACED BELOW THE ELEVATION OF THE BOTTOM OF BOX CULVERT.

All dimensions are in inches (millimeters) unless otherwise noted.

6-12-12	CREATED NEW STD.	R.D.			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

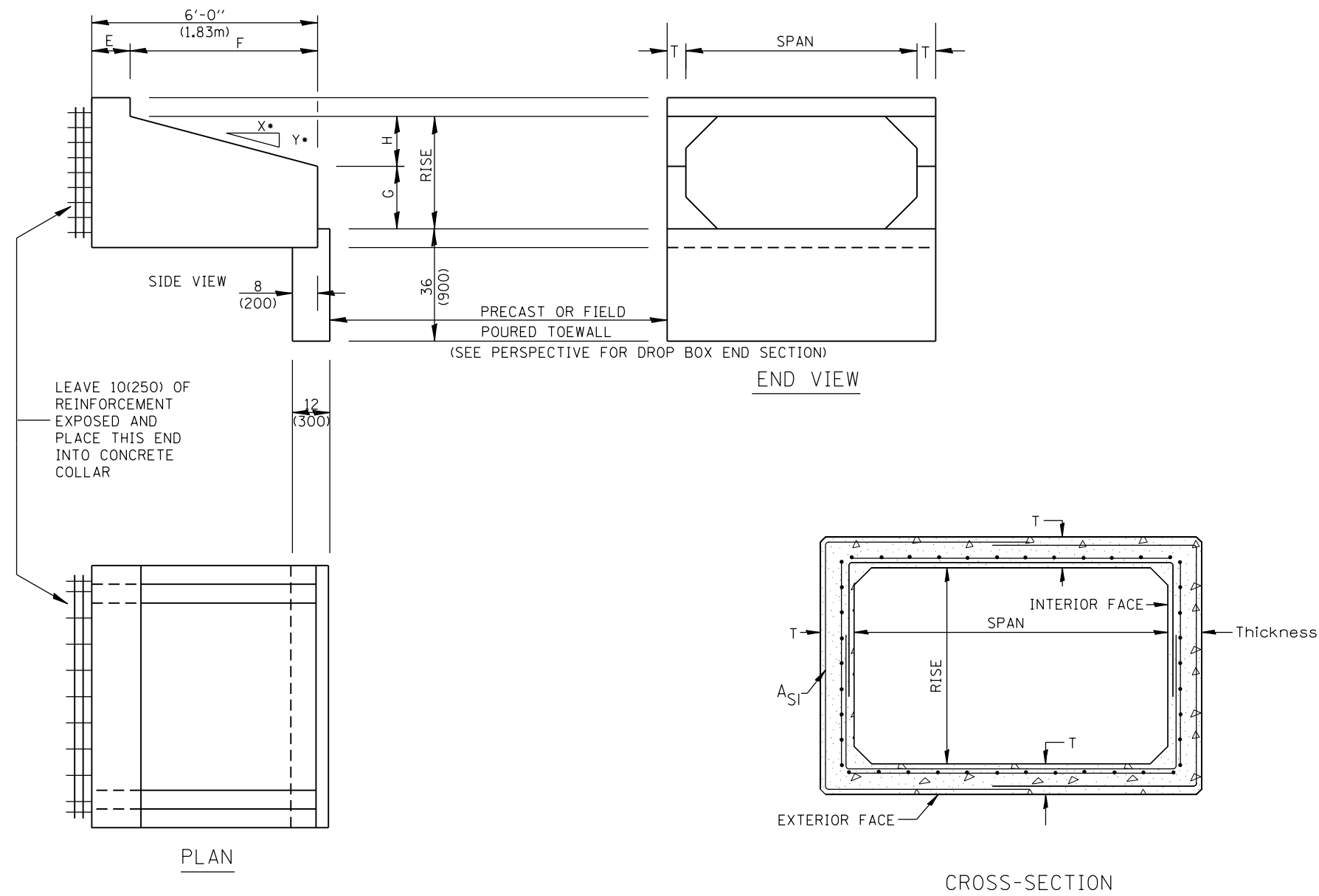
DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERTS

NOT TO SCALE

CADD STD. 540000-D4

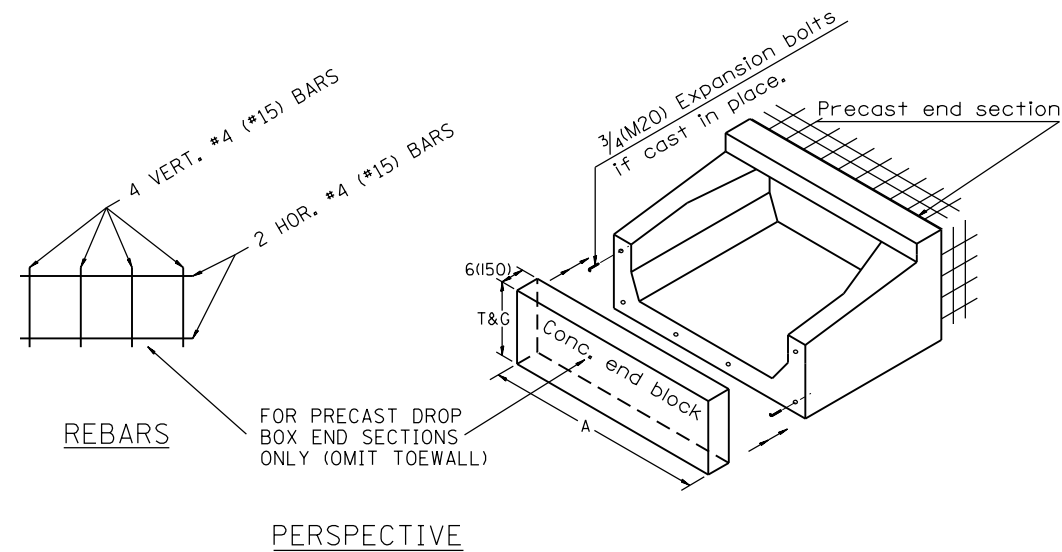
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	124
D415176-sh1-MISC018.dgn		5/5/13 4 PM	CONTRACT NO. 89849	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DESIGNER NOTES:
 1. INSERT DISTRICT SPECIAL PROVISION.
 2. TO BE USED IN CONJUNCTION WITH CONCRETE COLLAR.



GENERAL NOTES:

1. The Box Culvert Sections shall conform to ASTM C1577.
2. The External Sealing Band shall conform to ASTM C 877. The appropriate portions of Articles 550.02(I) and 1057.01 of the Standard Specifications shall apply.
3. Shop plans for the Precast Reinforced Box Culvert Sections, End Sections and Drop Box End Sections shall be submitted in accordance with Article 540.06 of the Standard Specifications.
4. All dimensions shall be verified with the Supplier.



All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. J-12.08 AND J-12.09, NEW FORMAT, METRICS,	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
	NEW REVISION BOX, NOTES		04-16-12	REVISED	R.D.
05-01-97	CORRECT TITLE & GEN. NOTES	J.A.			
06-17-99	CORRECT DIMENSIONS	J.A.			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

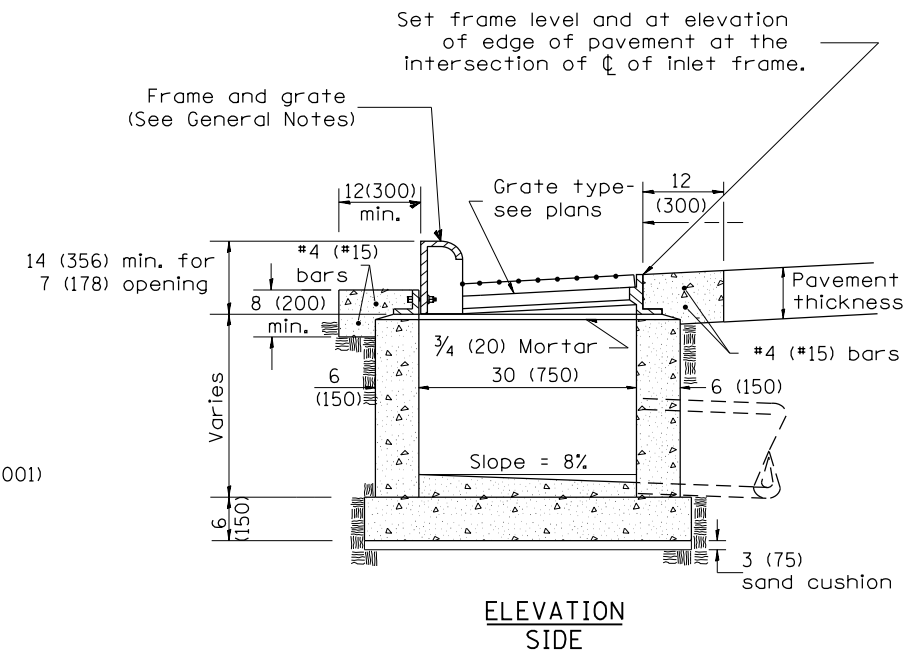
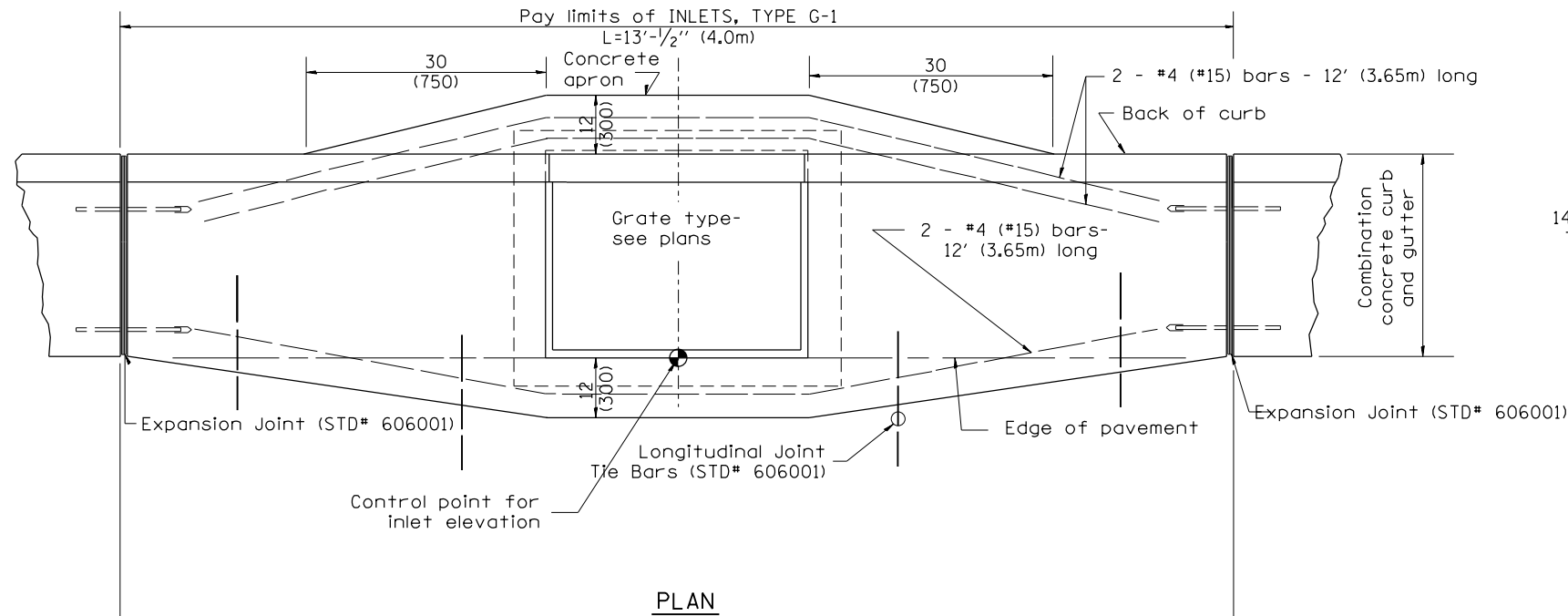
NOT TO SCALE

**PRECAST CONCRETE BOX CULVERTS (SPECIAL),
END SECTION (SPECIAL), &
DROP BOX END SECTIONS (SPECIAL)**

CADD STD. 540401-D4

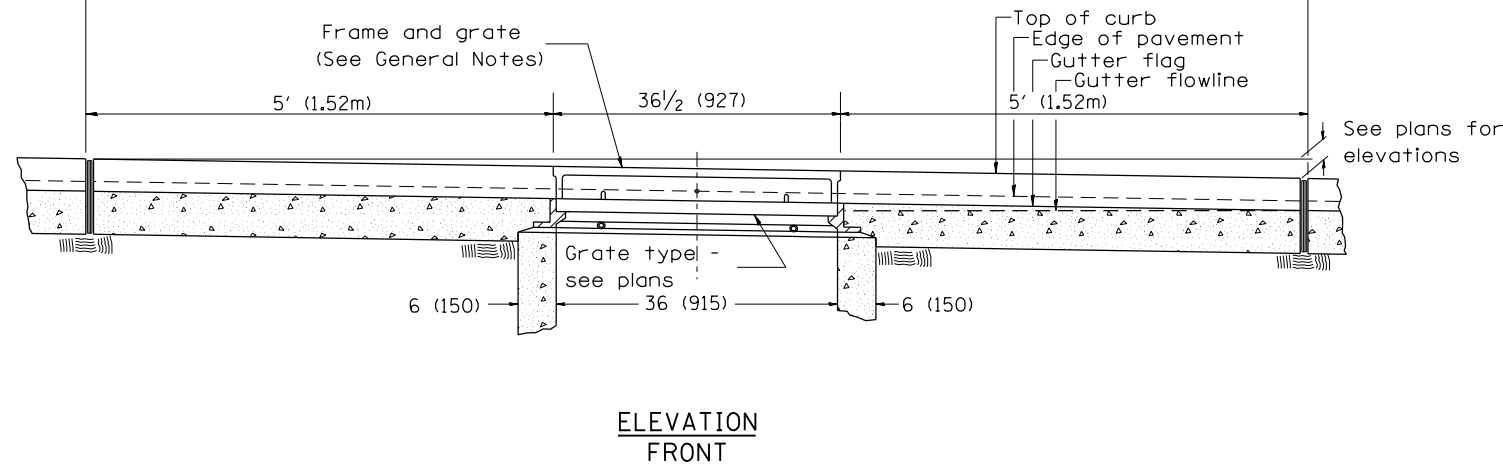
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	125
D415176-sh1-MISC011.dgn		5/5/13 3:39 PM	CONTRACT NO. 89849	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DESIGNER NOTES:
 1. Include State Standard 606001 for combination concrete curb and gutter details.
 2. Include State Standard 420001 for pavement joints.
 3. Include District CADD Standard for frame and grates and specify grate type in plans.
 4. Include District CADD Standard for frame and grates. Pay item includes transitional c.c.c. & g., inlet and frame and grate removal quantities when the apron requires pavement removal.
 5. The designer should include pavement removal quantities when the apron requires pavement removal.



GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.



All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-4.01, NEW REVISION BOX	T.P.
10-99	REVISION TO GENERAL NOTES	J.A.
02-00	REVISION TO DESIGNER NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

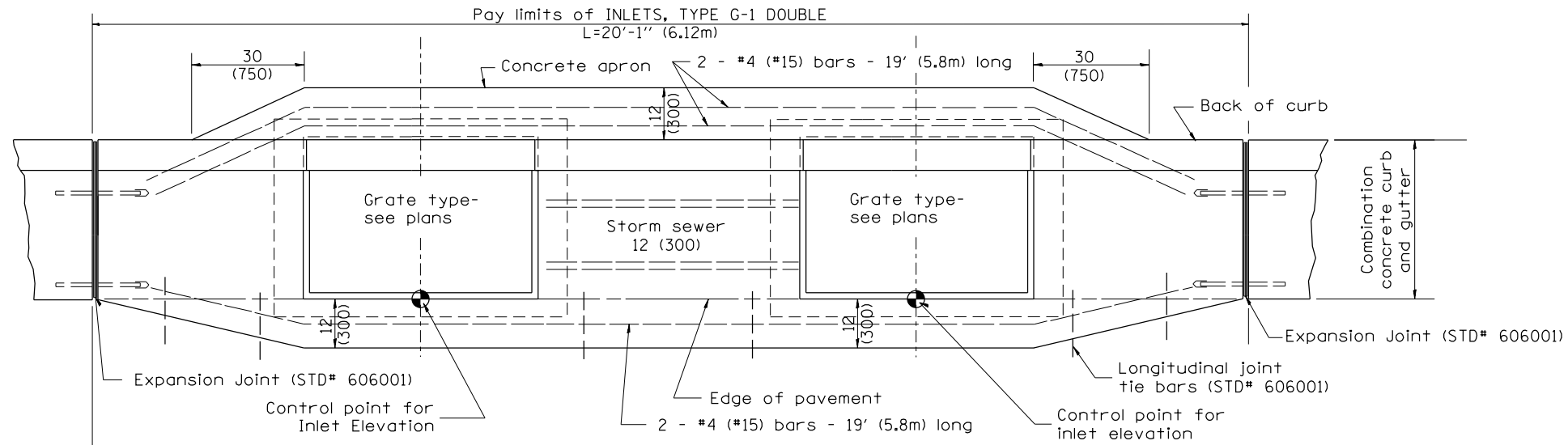
INLETS, TYPE G-1

NOT TO SCALE

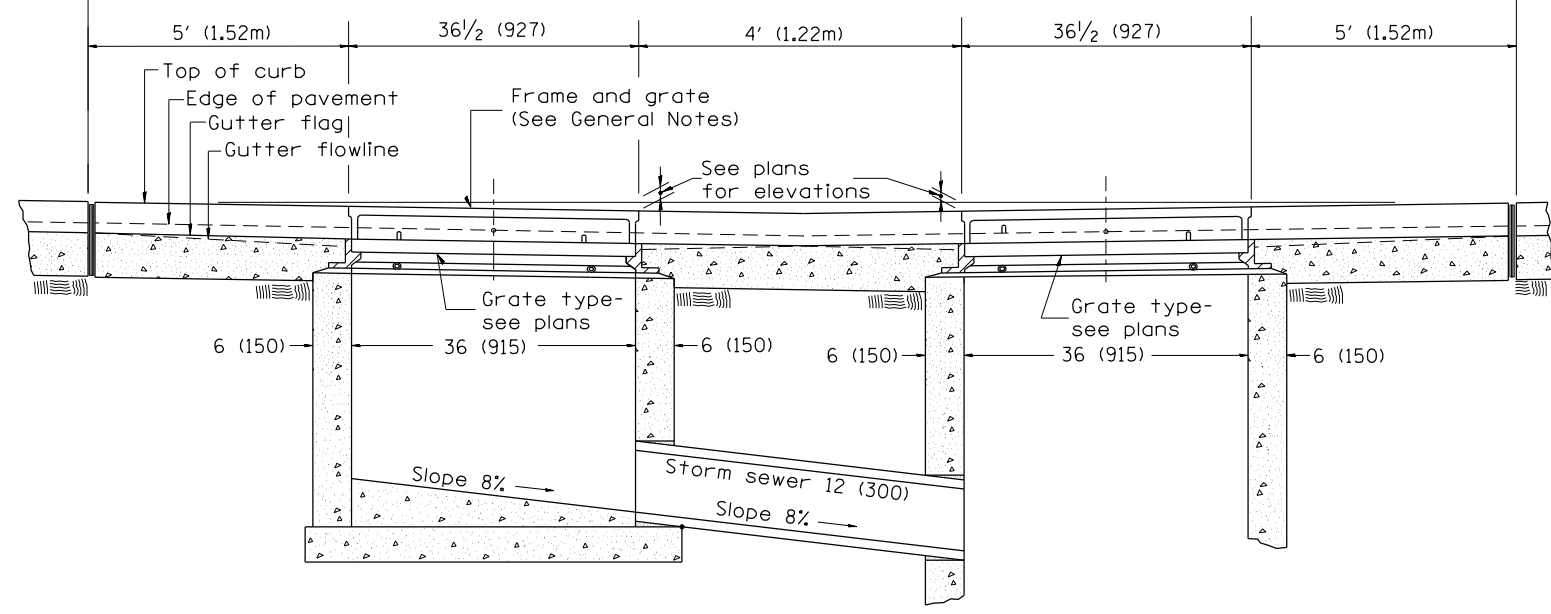
CADD STD. 602001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	126
FED. ROAD DIST. NO.			CONTRACT NO. 89849	
ILLINOIS			FED. AID PROJECT	

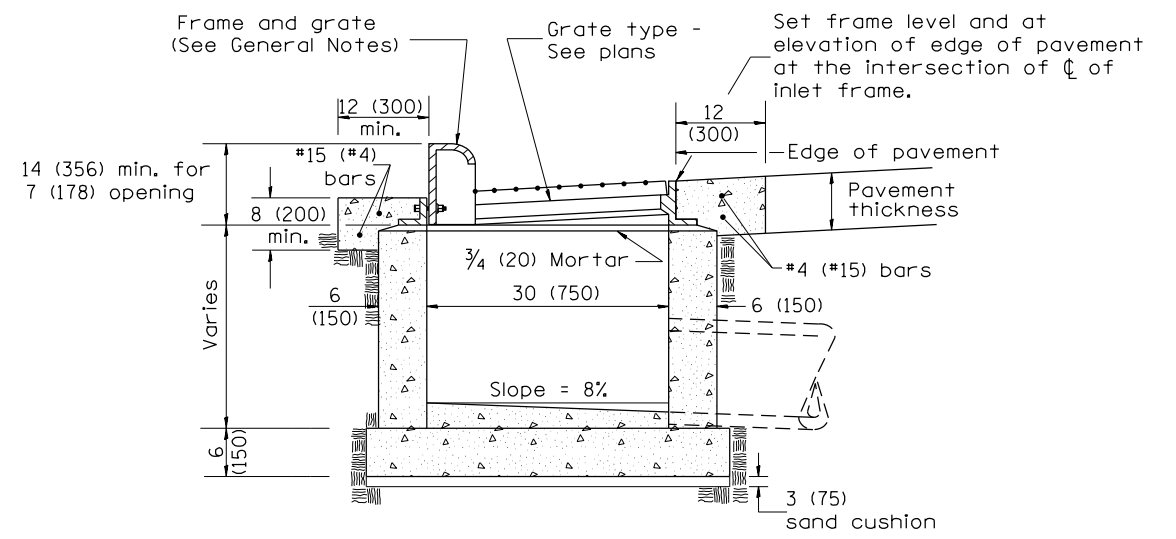
DESIGNER NOTES: 1. Include State Standard 606001 for combination concrete curb and gutter details. 2. Include State Standard 420001 for pavement joints. 3. Include District CADD Standard for frame and grates and specify grate type in plans. 4. Include District CADD Standard for frame and grates transitional c.c.c & g., inlet and frame and grate. All work within pay limits. 5. The designer should include pavement removal quantities when the apron requires pavement removal.



PLAN



FRONT ELEVATION



ELEVATION (SIDE)

GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-4.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
04-01-97	CORRECT PAVT SLOPE	J.A.			
10-99	REVISION TO GENERAL NOTES	J.A.			
02-00	REVISION TO DESIGNER NOTES	J.A.			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

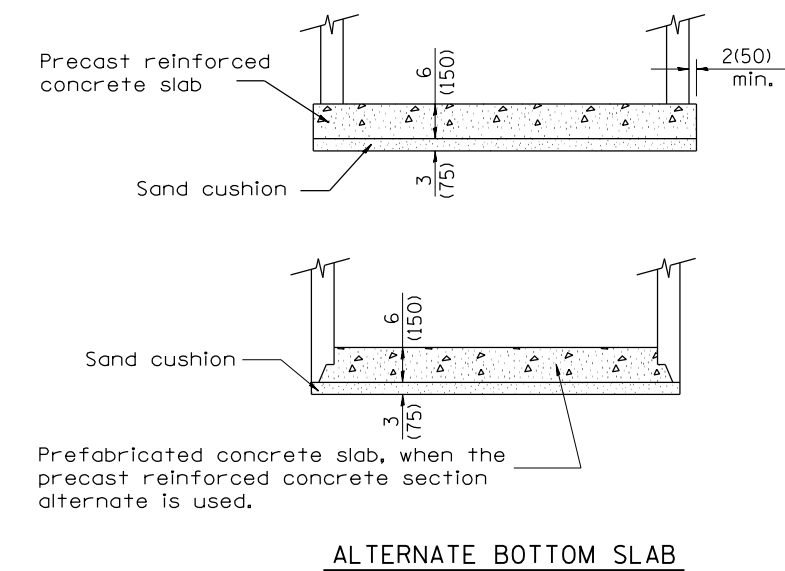
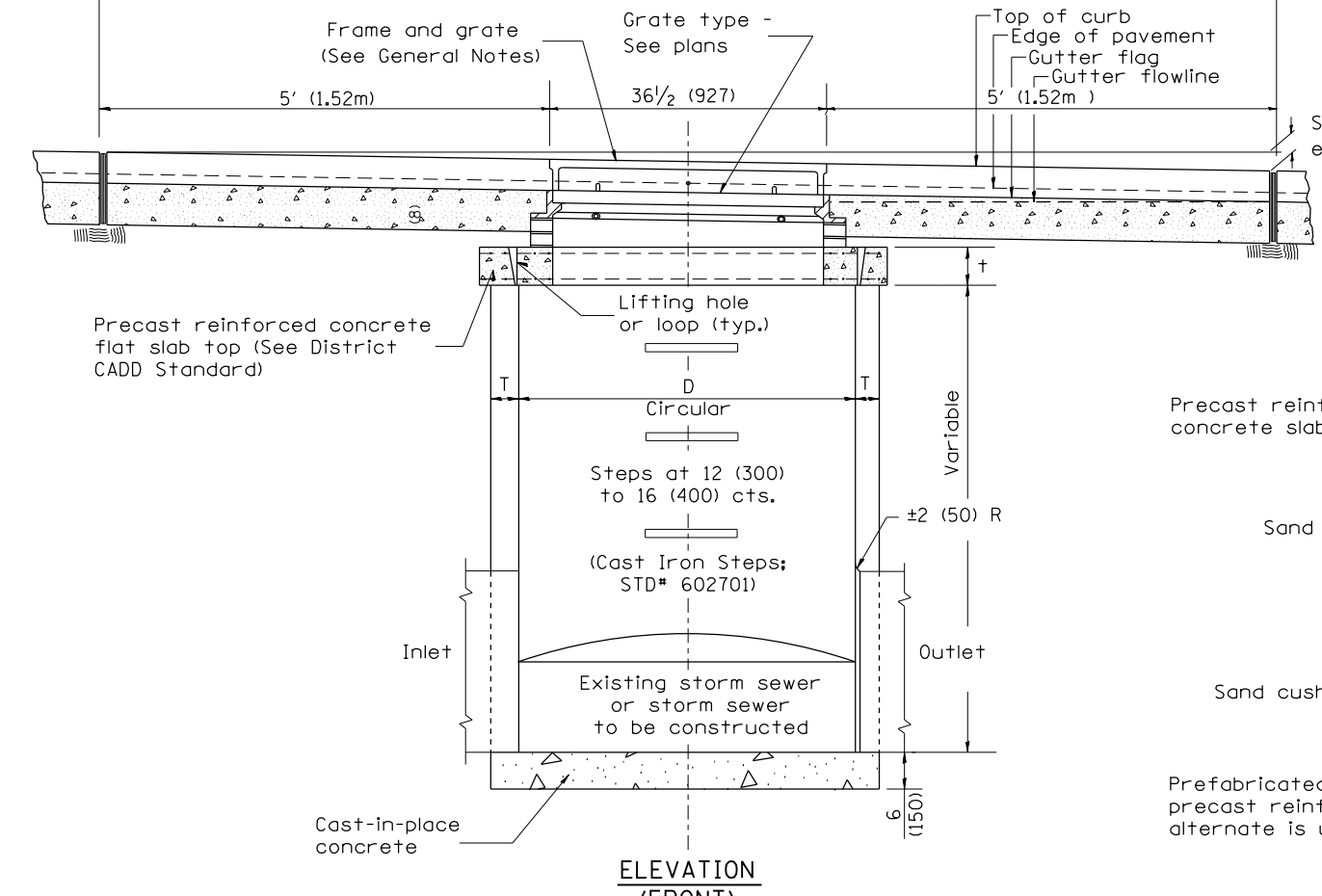
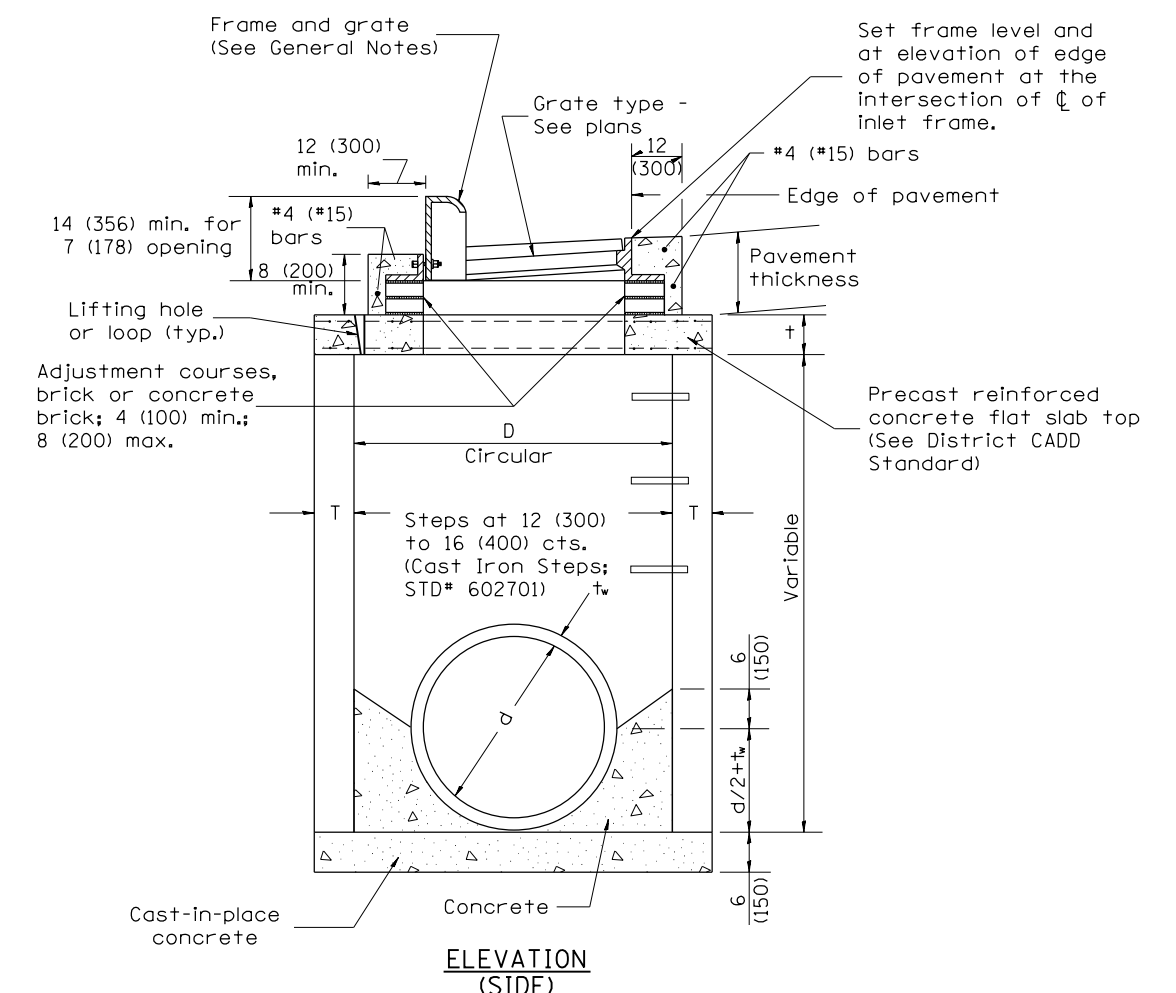
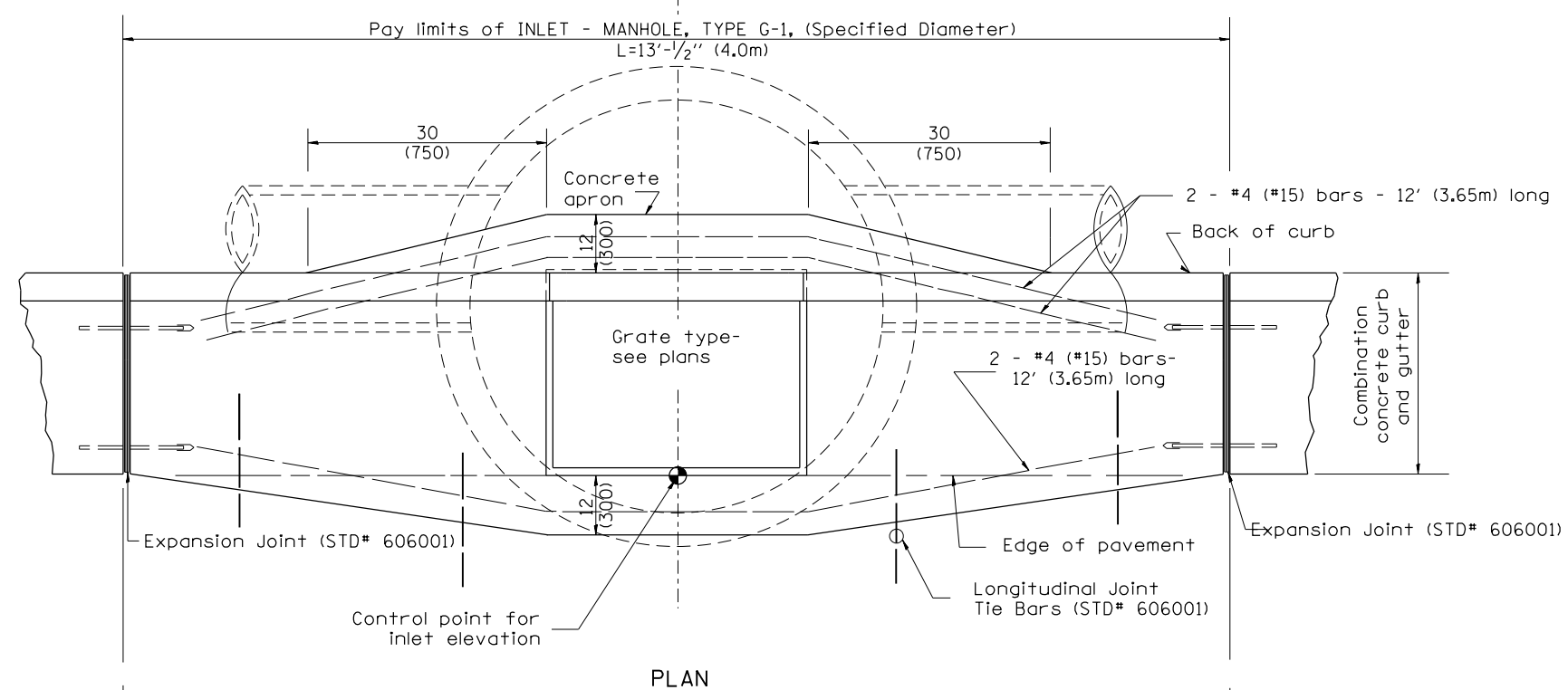
INLETS, TYPE G-1 DOUBLE

NOT TO SCALE

CADD STD. 602011-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	127
D415176-sh1-MISC013.dgn		5:51:52 PM	CONTRACT NO. 89849	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DESIGNER NOTES:
 1. Include State STD# 606001 for combination concrete curb and gutter details.
 2. Include State STD# 420001 for pavement joints.
 3. Include State STD# 602701 for cast iron steps.
 4. Include District CADD Standard for frame and grates and specify grate type in plans.
 5. Include District CADD Standard for precast reinforced concrete flat slab top.
 6. Include District Special Provision. Pay item includes inlet - manhole, flat slab top, transitional c.c.&g. and frame and grate. All work within pay limits.
 7. Specify diameter of inlet - manhole in plans.
 8. The designer should include pavement removal quantities when the apron requires pavement removal.



TABLE

D	T	+
4' (1.2m)	5 (125)	6 (150)
5' (1.5m)	6 (150)	8 (200)
6' (1.8m)	7 3/4 (195)	8 (200)
8' (2.4m)	9 (225)	10 (250)

- GENERAL NOTES
- Inlet-manhole construction shall be in accordance with Section 602 of the Standard Specifications.
 - Combination concrete curb and gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
 - See District CADD Standard 604001-D4 for frame and grates.
 - See District CADD Standard for precast reinforced concrete flat slab top.

DATE	REVISION	BY
01-01-97	RENUM. B-4.05, NEW REVISION BOX	
10-99	REVISION TO GENERAL NOTES	J.A.
02-00	REVISION TO DESIGNER NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INLET-MANHOLE, TYPE G-1

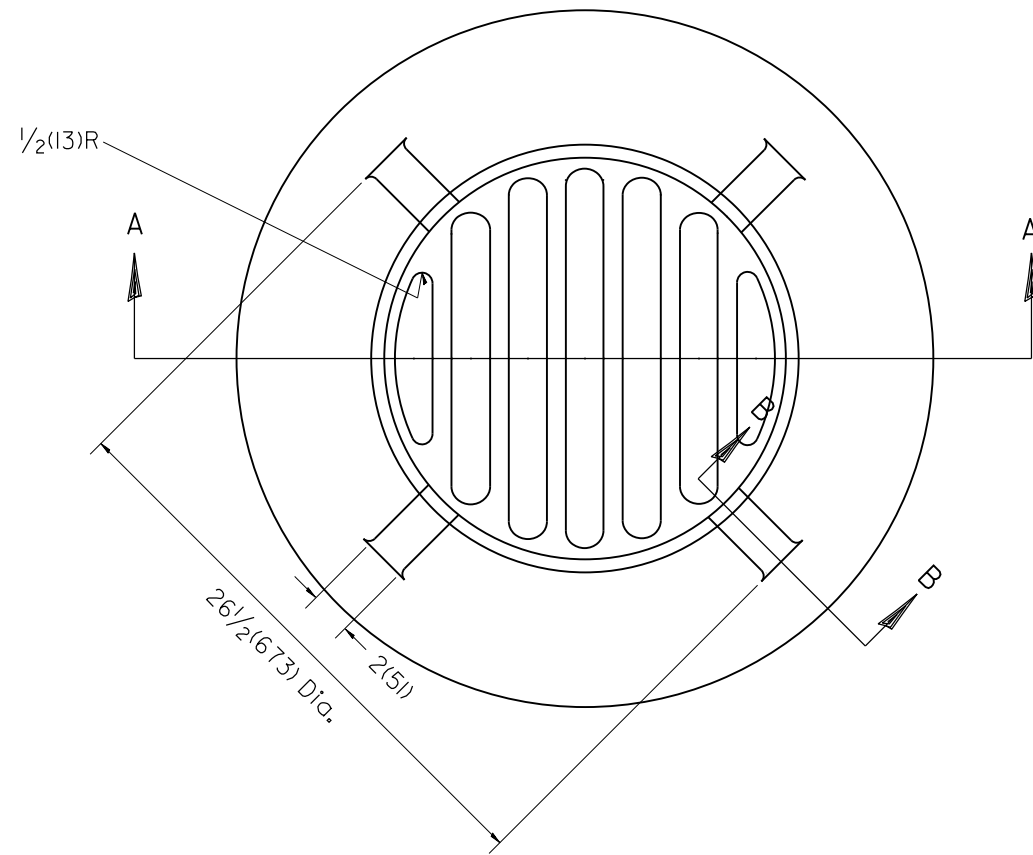
NOT TO SCALE

CADD STD. 602021-D4

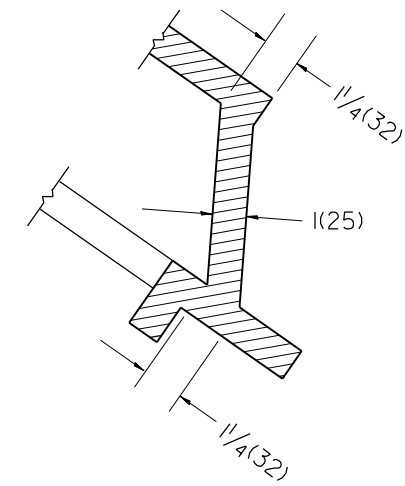
All dimensions are in inches (millimeters) unless otherwise noted.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	128

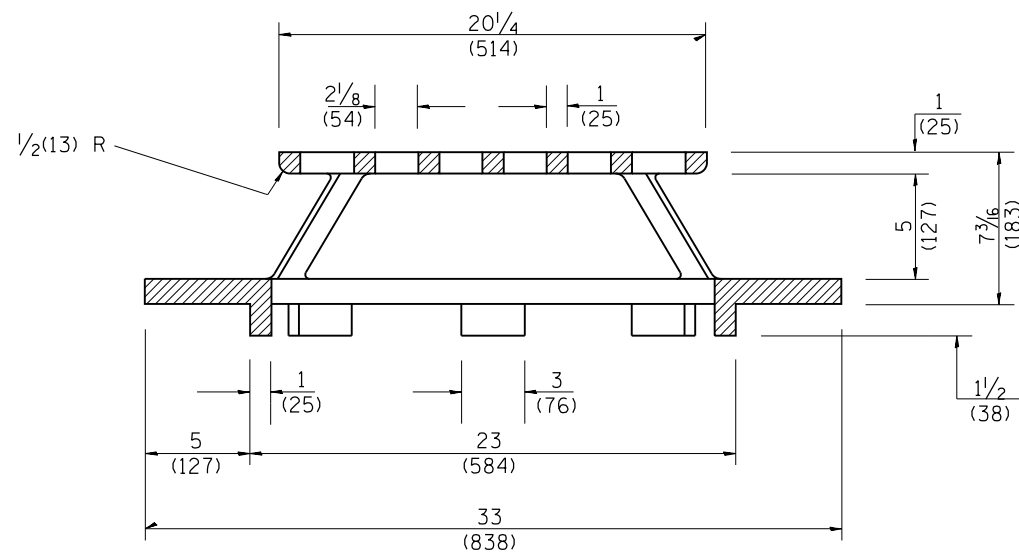
D415176-sh1-MISC014.dgn 5:51:58 PM
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT CONTRACT NO. 89849



PLAN



SECTION B - B



SECTION A - A

GENERAL NOTES

- MATERIAL - Cast Gray Iron
Weight 209 lbs (95 kg)

DESIGNER NOTE:
1. INCLUDE DISTRICT SPECIAL PROVISION.

All dimensions are in inches (millimeters) unless otherwise noted.

01-01-97	RENUM. B-10.02, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

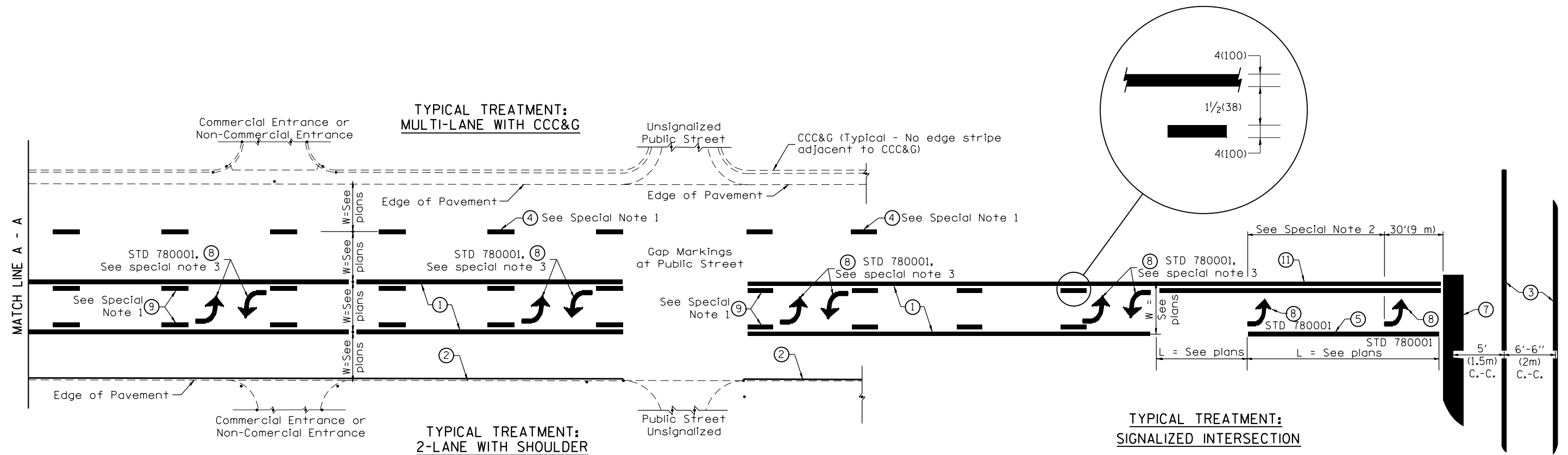
TYPE 37 GRATE

NOT TO SCALE

CADD STD. 604301-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	129
D:\415176-sh1-MISC\B15.dgn		5:52:04 PM	CONTRACT NO. 89849	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
 - Through Arrow= 14.8 sq. ft.
 - Large Left or Right Arrow= 21.9 sq. ft.
 - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
 - Wrong Way Arrow= 29.5 sq. ft.
 - Railroad Crossing Symbol= 69.8 sq. ft.
 (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.			
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

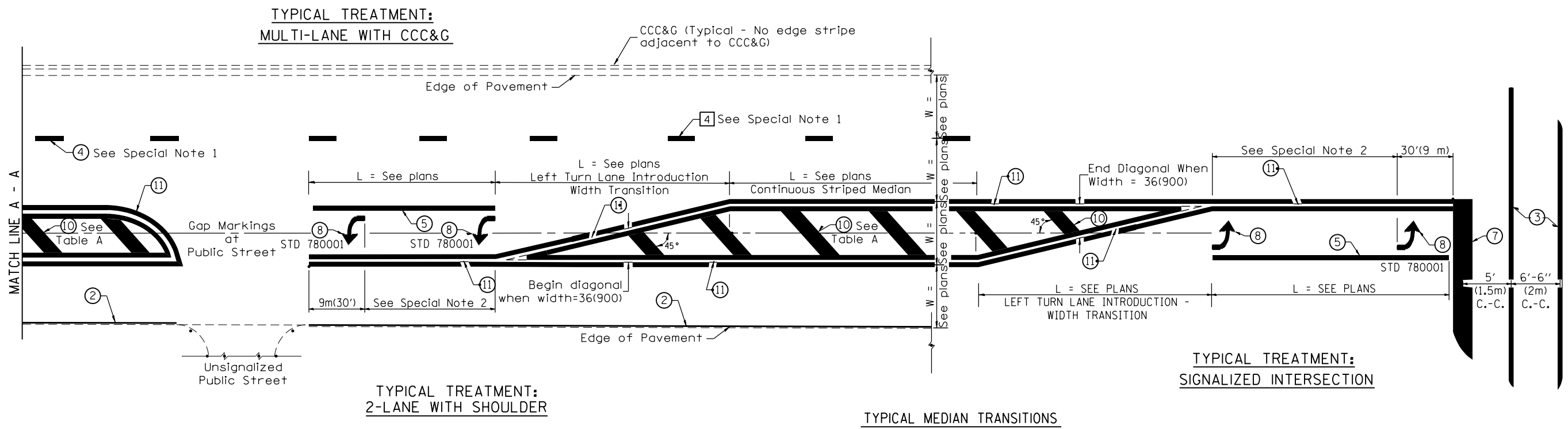
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

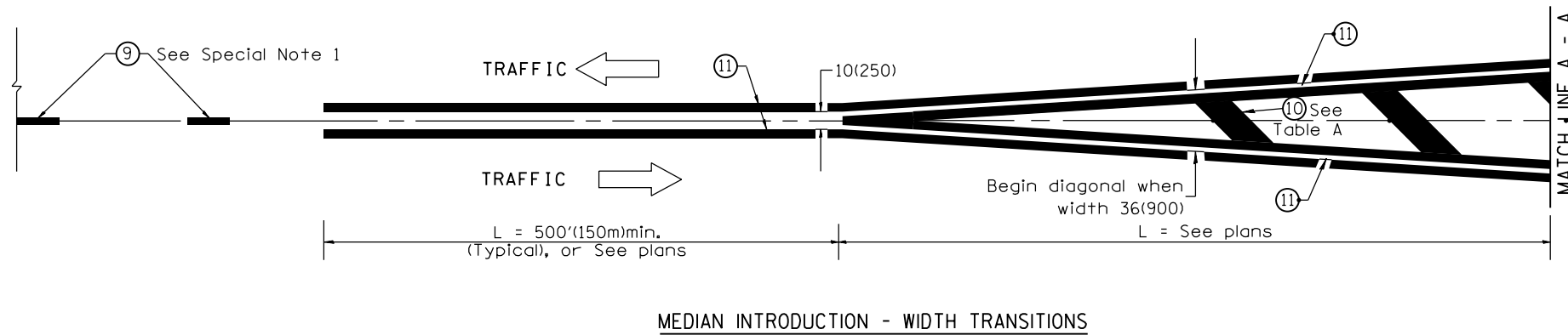
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	130
D:\415176-sh1-MISC016.dgn		5/5/2018 PM	CONTRACT NO. 89849	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



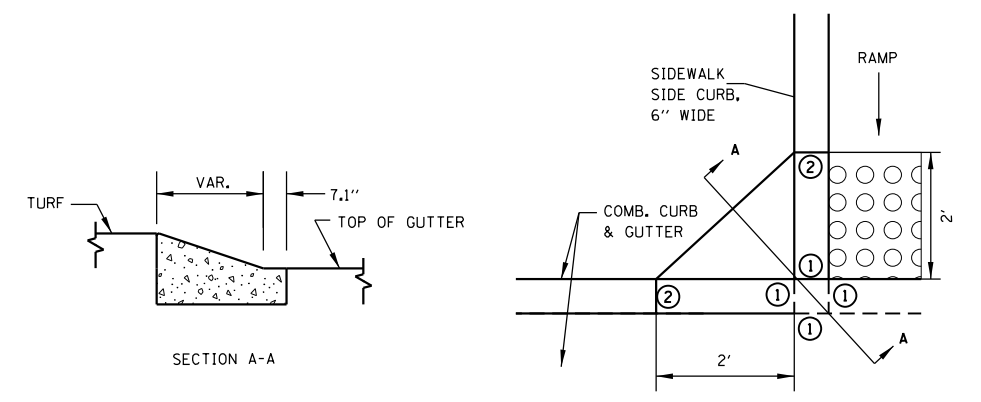
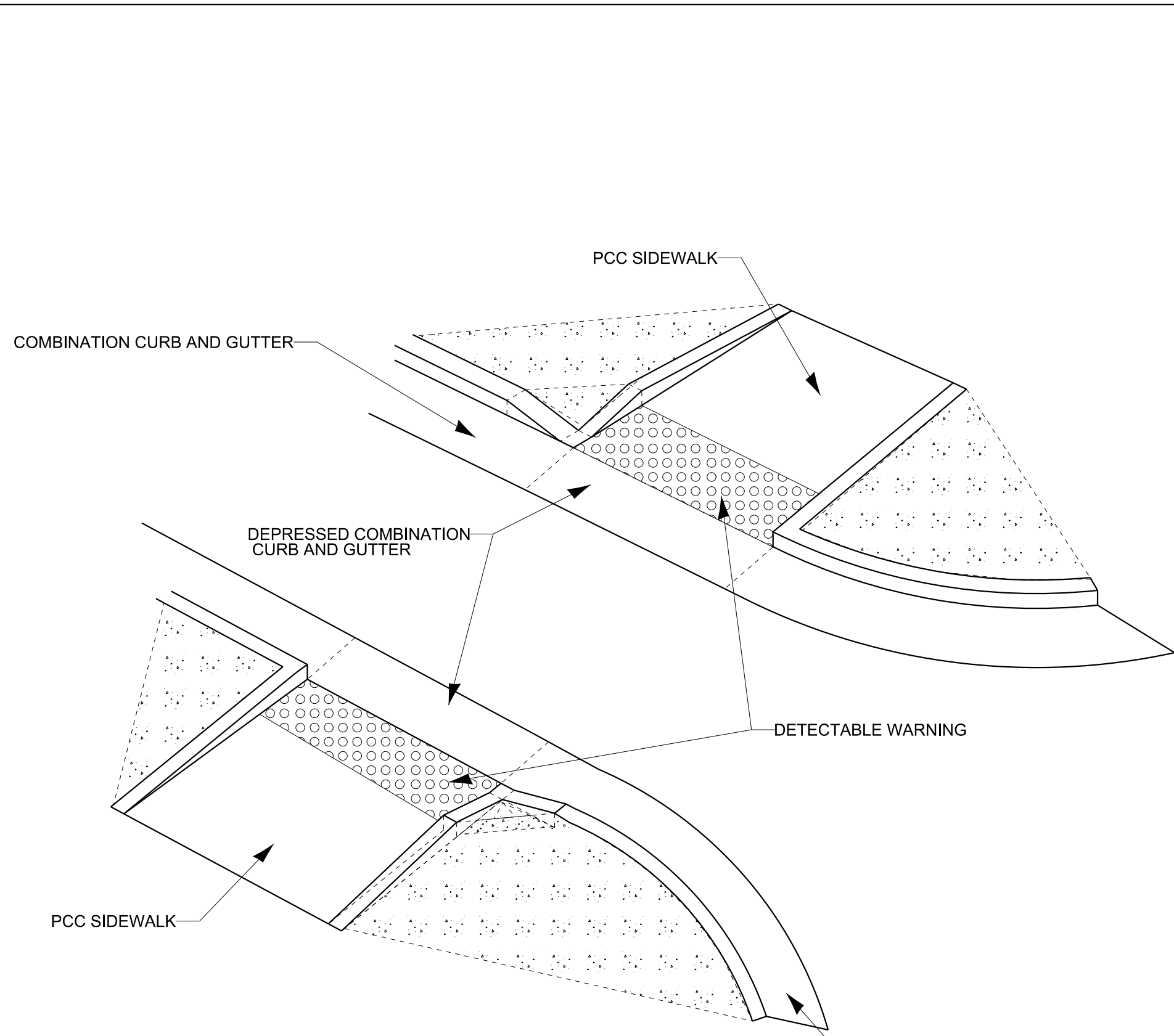
FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



All dimensions are in inches (millimeters) unless otherwise noted.



NOTE: APPROACH NOSE CAN EITHER BE P.C.C. SIDEWALK, 4" OR GRADED TURF.

APPROACH NOSE DETAIL

- ① 0" CURB HEIGHT.
- ② FULL CURB HEIGHT.

LEGEND

- CONCRETE OR TURF
- SIDE CURB

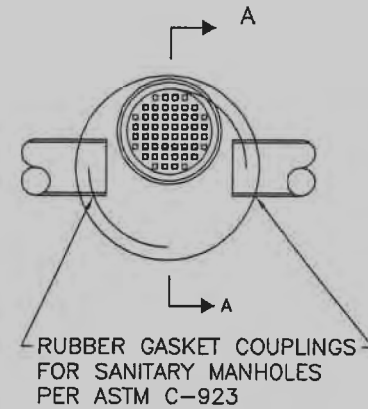
NOTES:

IF CONTRACTOR OR LOCAL AGENCY REQUESTS A VARIATION OF THE BEAVER TAIL, APPROVAL MUST BE MADE BY BOTH RESIDENT ENGINEER AND DISTRICT ADA COORDINATOR.

APPROACH NOSE CAN EITHER BE CONCRETE OR GRADED TURF. IF CONCRETE IS USED, IT SHALL BE PAID FOR AS P.C.C SIDEWALK.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

SANITARY SEWER MANHOLE

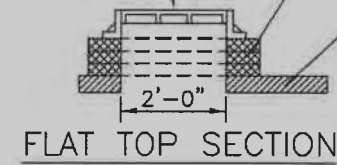


PLAN VIEW

CAST IRON FRAME AND SELF SEALING WATER TIGHT LID NEENAH NO. R-1713 OR E.J. 1050 OR EQUAL, WITH "SANITARY SEWER" ON LID

PRECAST CONCRETE RINGS FOR ADJUSTMENT IN MASTIC BED (MAXIMUM 8" IN TOTAL)

PRECAST REINFORCED CONCRETE SLAB TOP WITH 24" DIA. ACCESS HOLE OVER STEPS.

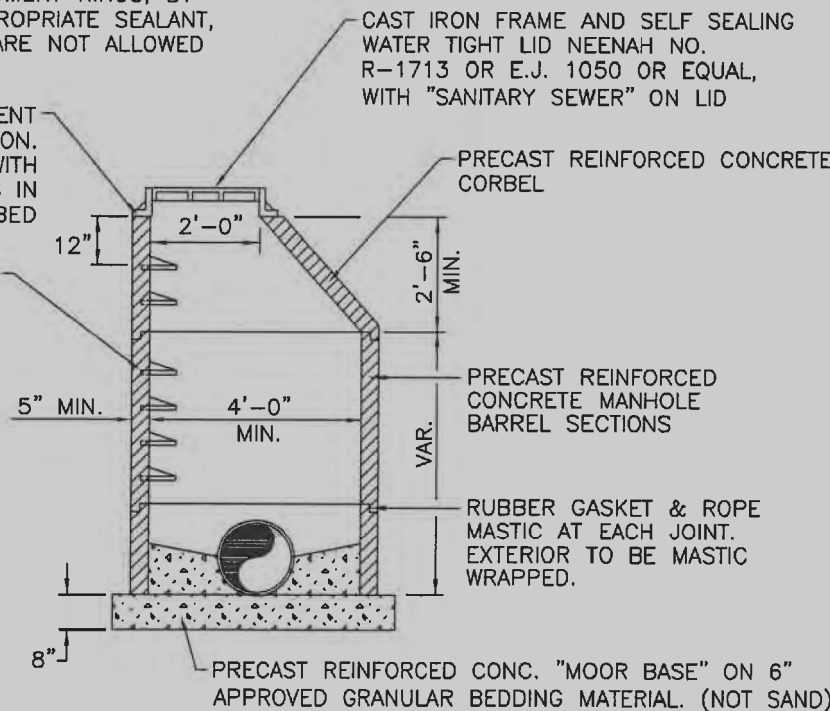


FLAT TOP SECTION

HEIGHT ADJUSTMENTS MADE TO FINAL GRADE THAT ARE <2" SHALL BE MADE WITH "INFRA-RISER" RUBBER ADJUSTMENT RINGS, BY GNR TECHNOLOGIES, WITH APPROPRIATE SEALANT, OR APPROVED EQUAL. SHIMS ARE NOT ALLOWED FOR HEIGHT ADJUSTMENTS.

MAXIMUM 8" HEIGHT ADJUSTMENT MADE TO FINAL ELEVATION. ADJUSTMENT TO BE MADE WITH PRECAST CONC. RINGS IN BITUMINOUS MASTIC BED

REINFORCED POLYPROPYLENE STEPS AT 16" O.C. POSITIONED TO AVOID BEING DIRECTLY OVER AN INLET/OUTLET PIPE



SECTION A-A

GENERAL NOTES:

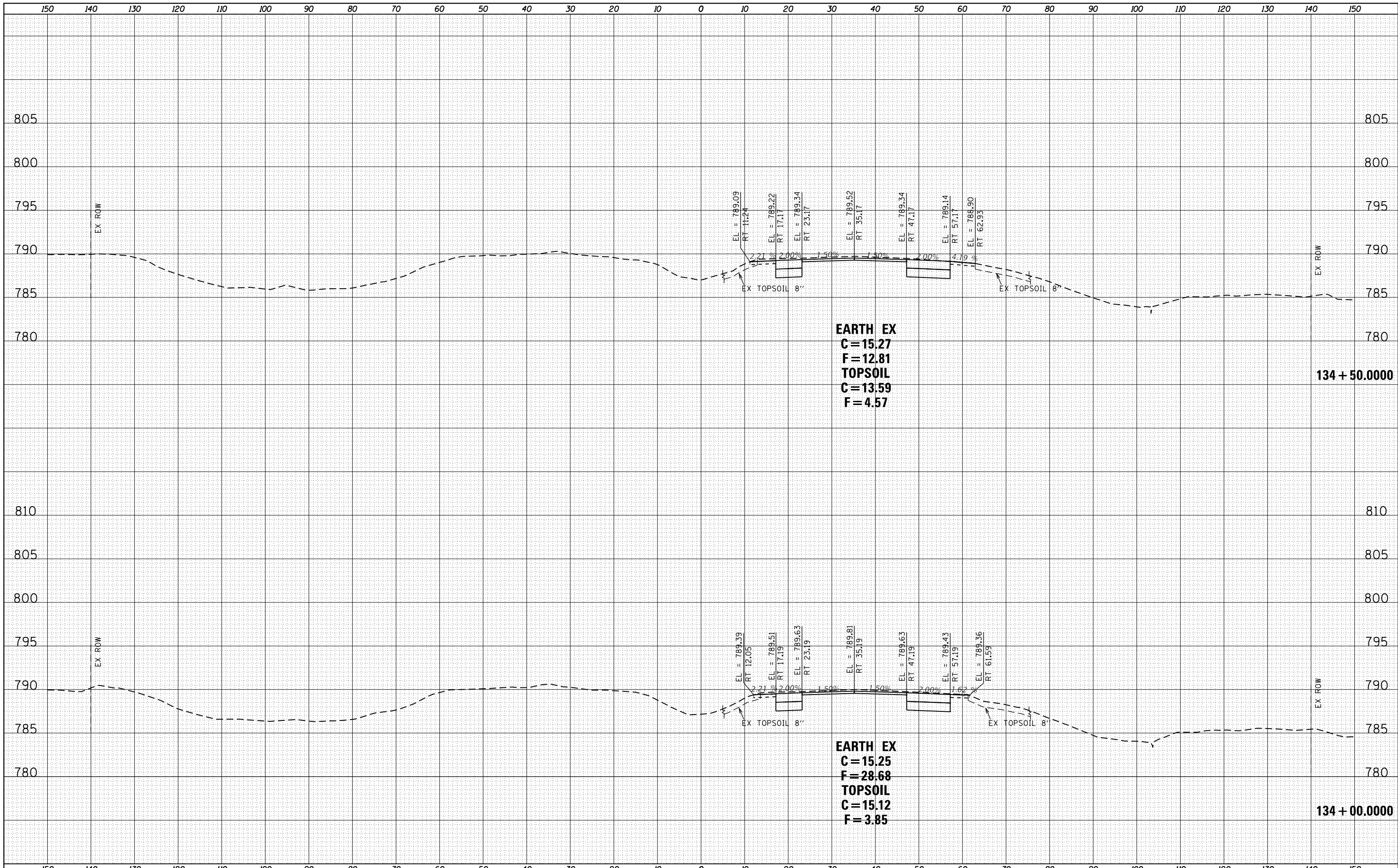
1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" CURRENT EDITION AND SUPPLEMENTAL SPECIFICATIONS, UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.
2. CASTING SHALL BE SET IN APPROVED MASTIC.
3. CONNECTION OF PIPE TO MANHOLE SHALL BE BY APPROVED METHOD.
4. FLAT TOP MANHOLE SHALL BE USED ONLY WHEN CORBEL TOP CANNOT BE USED. TOP OF FLAT TOP SLAB TO BE BELOW BOTTOM OF P.C.C. PAVEMENT, H.M.A. BINDER BASE COURSE, OR AGGREGATE BASE COURSE.
5. FOR SANITARY SEWERS GREATER THAN 12", A DIFFERENT MANHOLE BASE WILL BE REQUIRED AND MUST BE APPROVED BY THE CITY ENGINEER.

City of Washington
Est. 1825

DATE:	STANDARD NO.
DEC. 2020	015

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D:\415176-shr-XS-US24-WEST002.dwg	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:52:49 PM	DATE - 5/5/2023	REVISED -

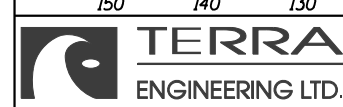
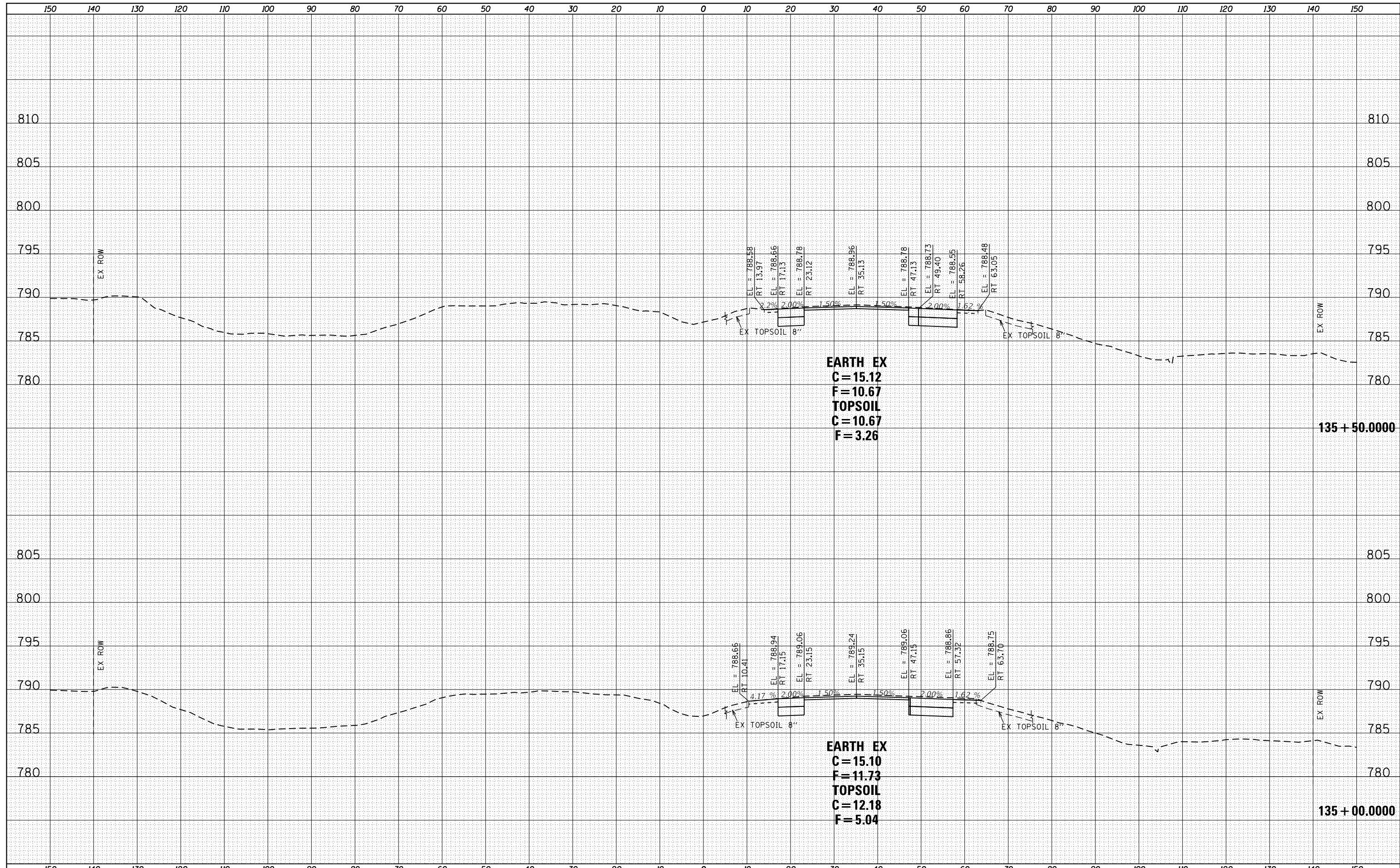
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS US 24			
SCALE:	SHEET 2	OF 21 SHEETS	STA. 134+00.0000 TO STA. 134+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	135
CONTRACT NO. 89849			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



USER NAME = CurtissL
 FILENAME = D415176-sh1-XS-US24-WEST003.dwg
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:52:55 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

REVISÉ -
 REVISÉ -
 REVISÉ -
 REVISÉ -

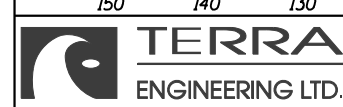
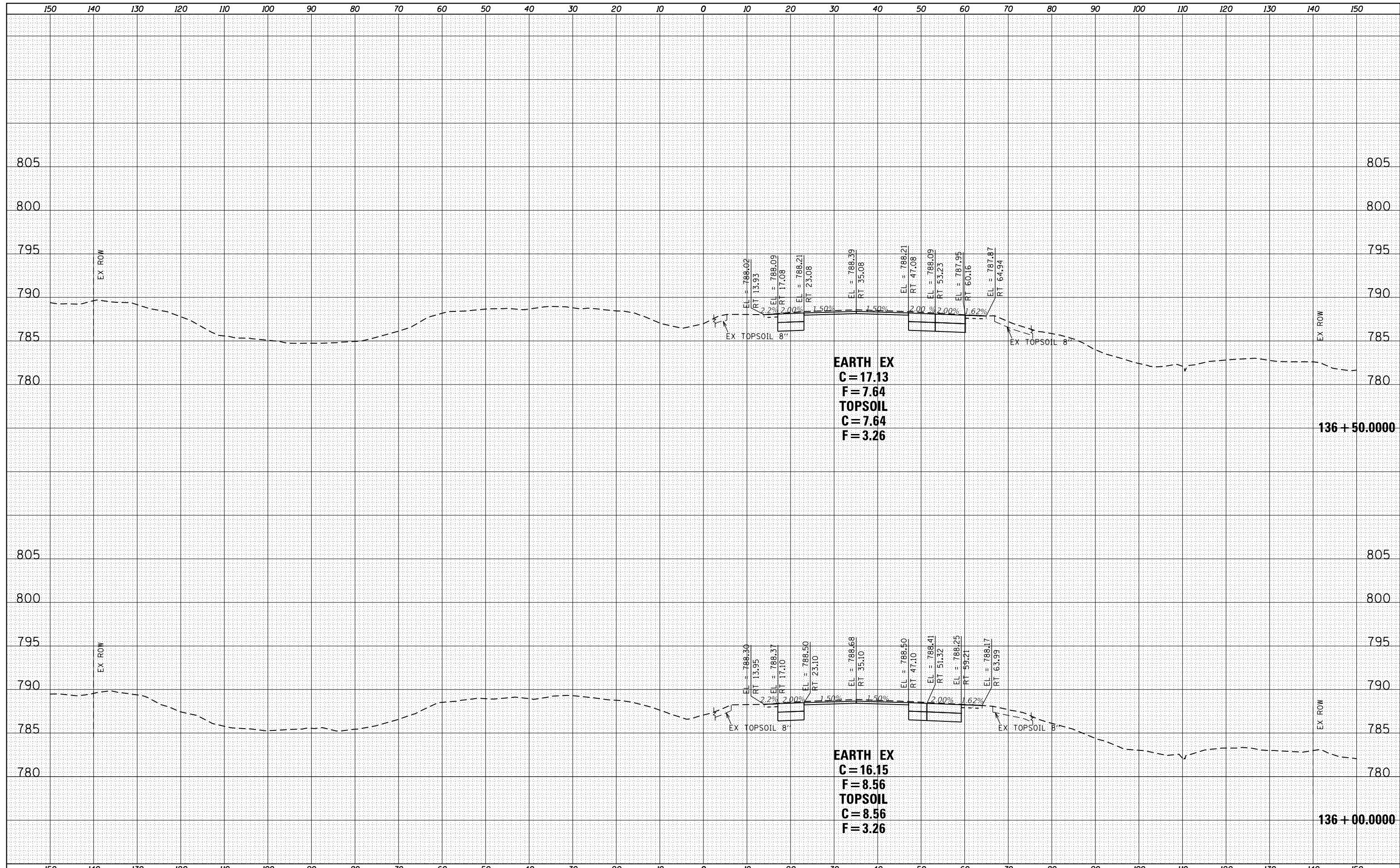
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 US 24
 SCALE: SHEET 3 OF 21 SHEETS STA. 135+00.0000 TO STA. 135+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	136
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

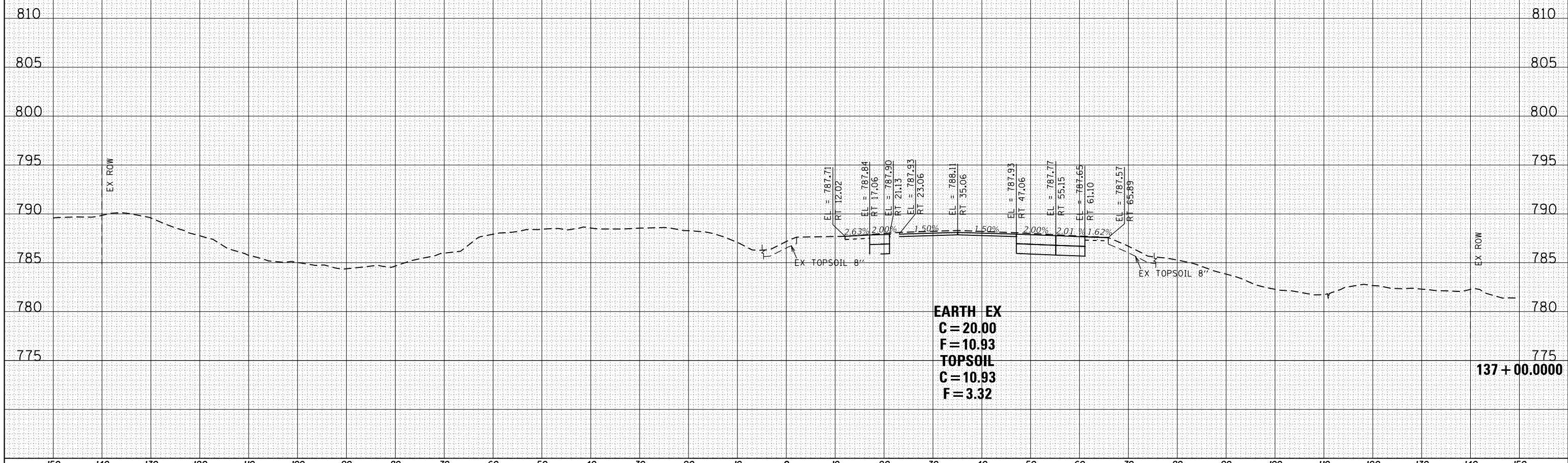
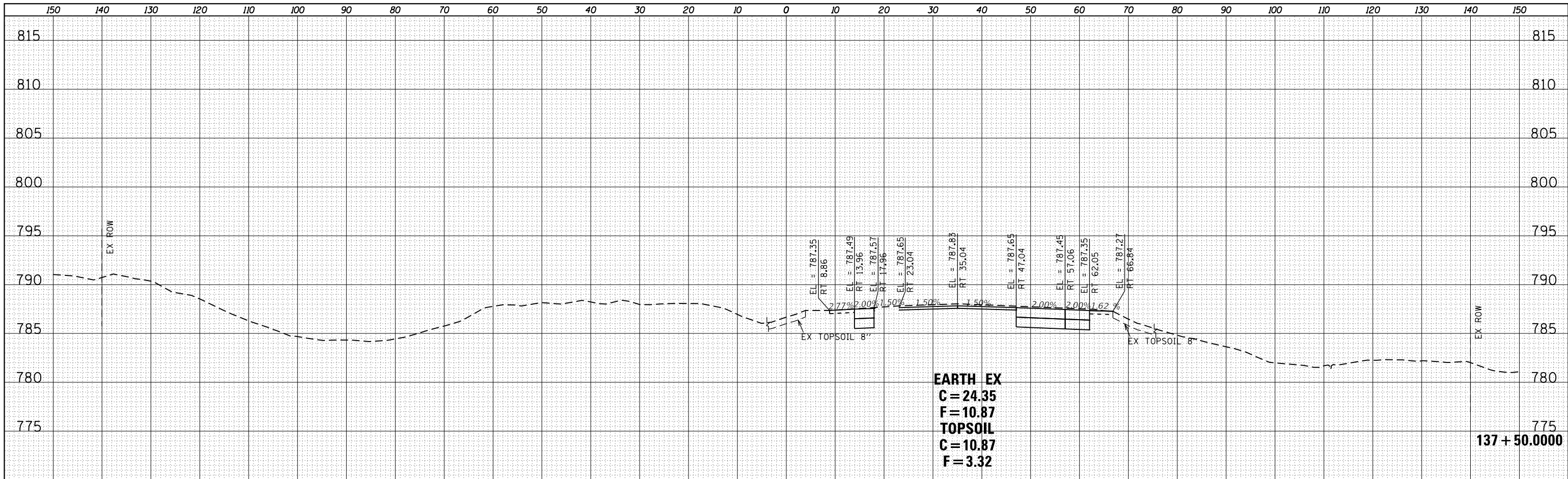


USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D:\415176-sh1-XS-US24-WEST004.dwg	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:53:02 PM	DATE - 5/5/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS US 24			
SCALE:	SHEET 4	OF 21	SHEETS
STA. 136+00.0000 TO STA. 136+50.0000			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	137
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

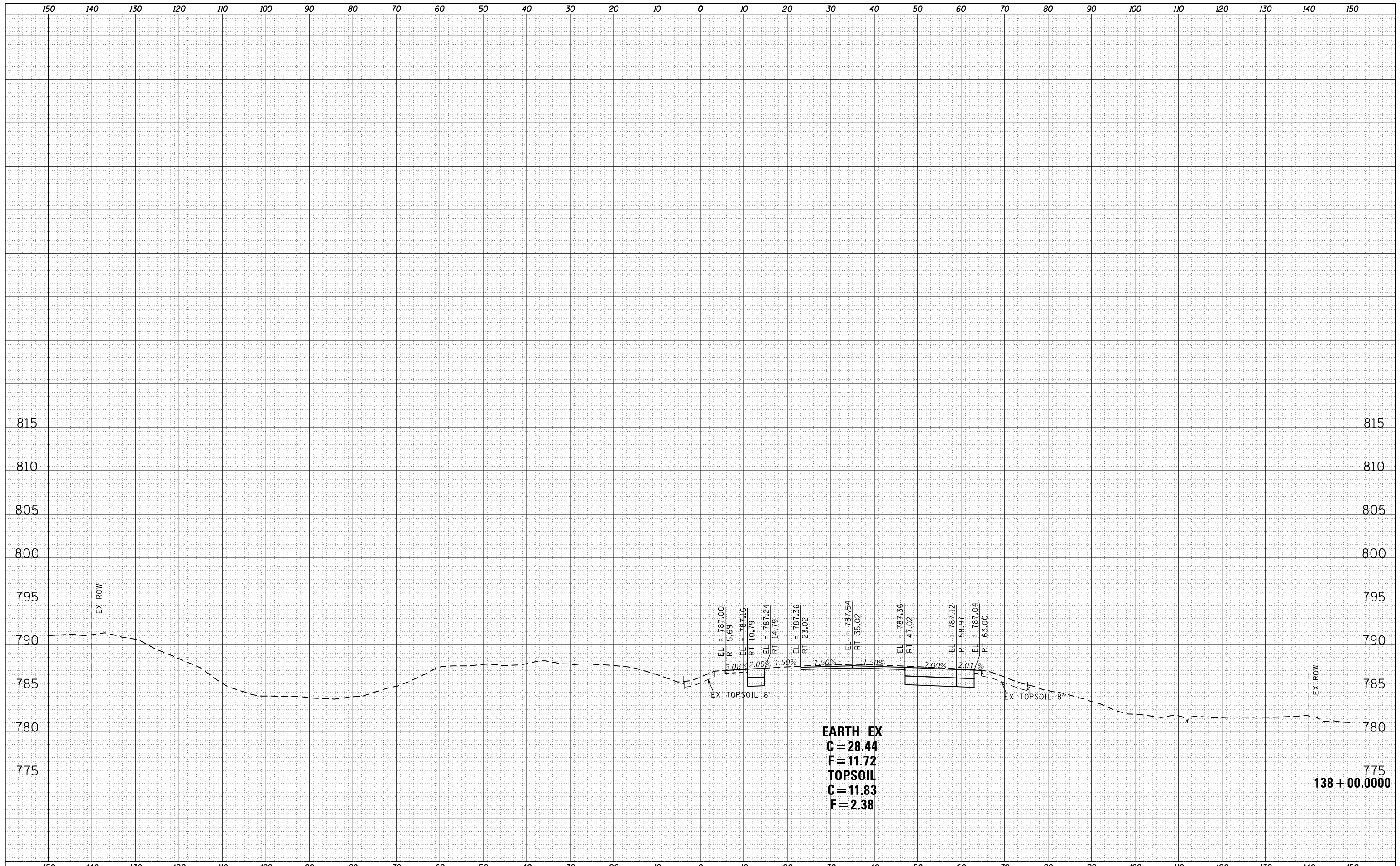


DATE	
BY	
NO.	
FINISH SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPLATE
	AREAS CHECKED

DATE	
BY	
NO.	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
AREAS CHECKED	TEMPLATE
	AREAS CHECKED

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



EARTH EX
C = 28.44
F = 11.72
TOPSOIL
C = 11.83
F = 2.38

138 + 00.000



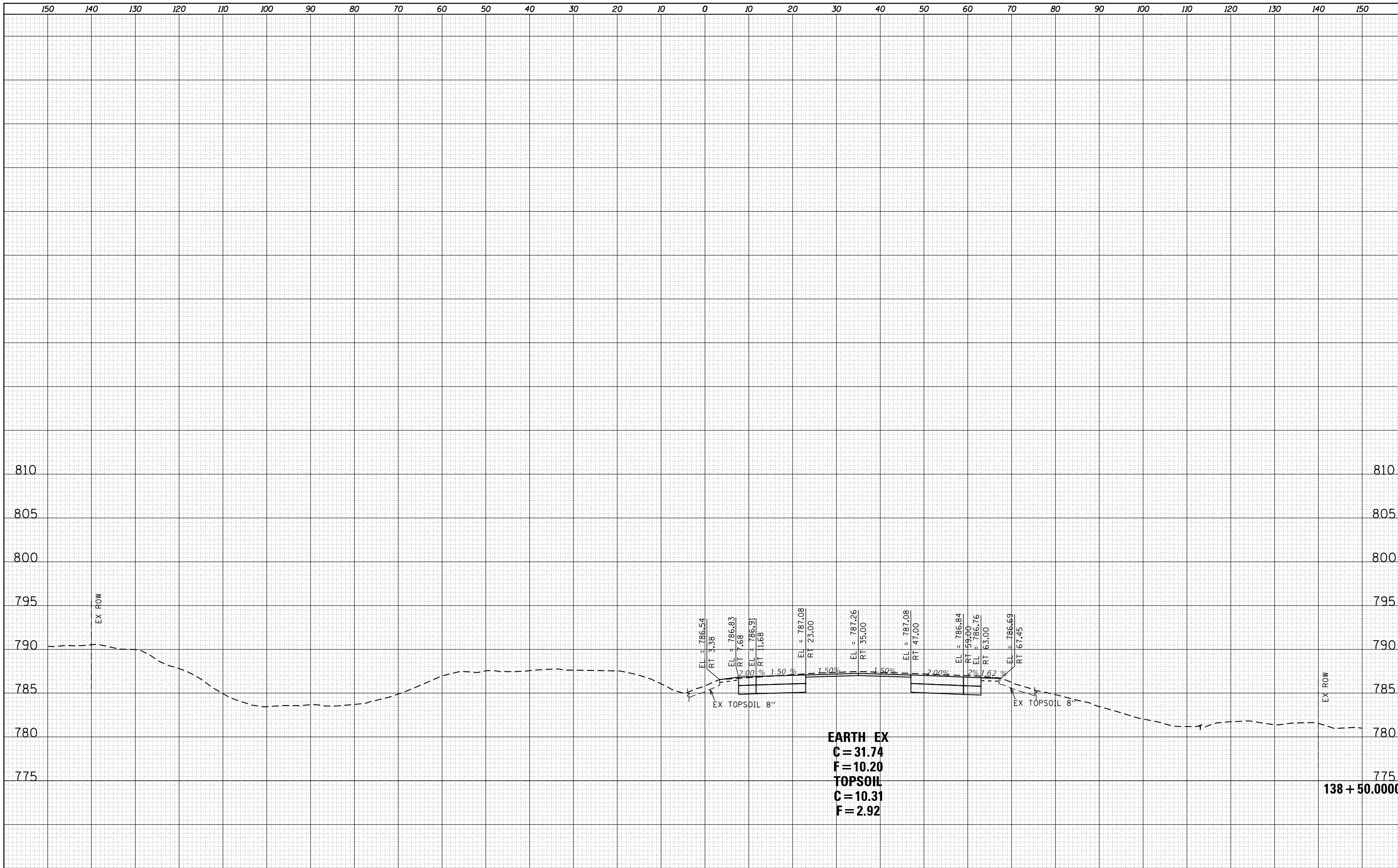
USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D415176-sh1-XS-US24-WEST006.dwg	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:53:14 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
US 24

SCALE: SHEET 6 OF 21 SHEETS STA. 138+00.0000 TO STA. 138+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	139
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				



BY	DATE

BY	DATE



USER NAME	= CurtissL
FILENAME	= D415176-sh1-XS-US24-WEST007.dwg
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 6/28/2023 5:53:20 PM

DESIGNED	- AB	REVISED	-
DRAWN	- AB/AE	REVISED	-
CHECKED	- ET	REVISED	-
DATE	- 5/5/2023	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
US 24**

SCALE: SHEET 7 OF 21 SHEETS STA. 138+50.0000 TO STA.138+50.0000

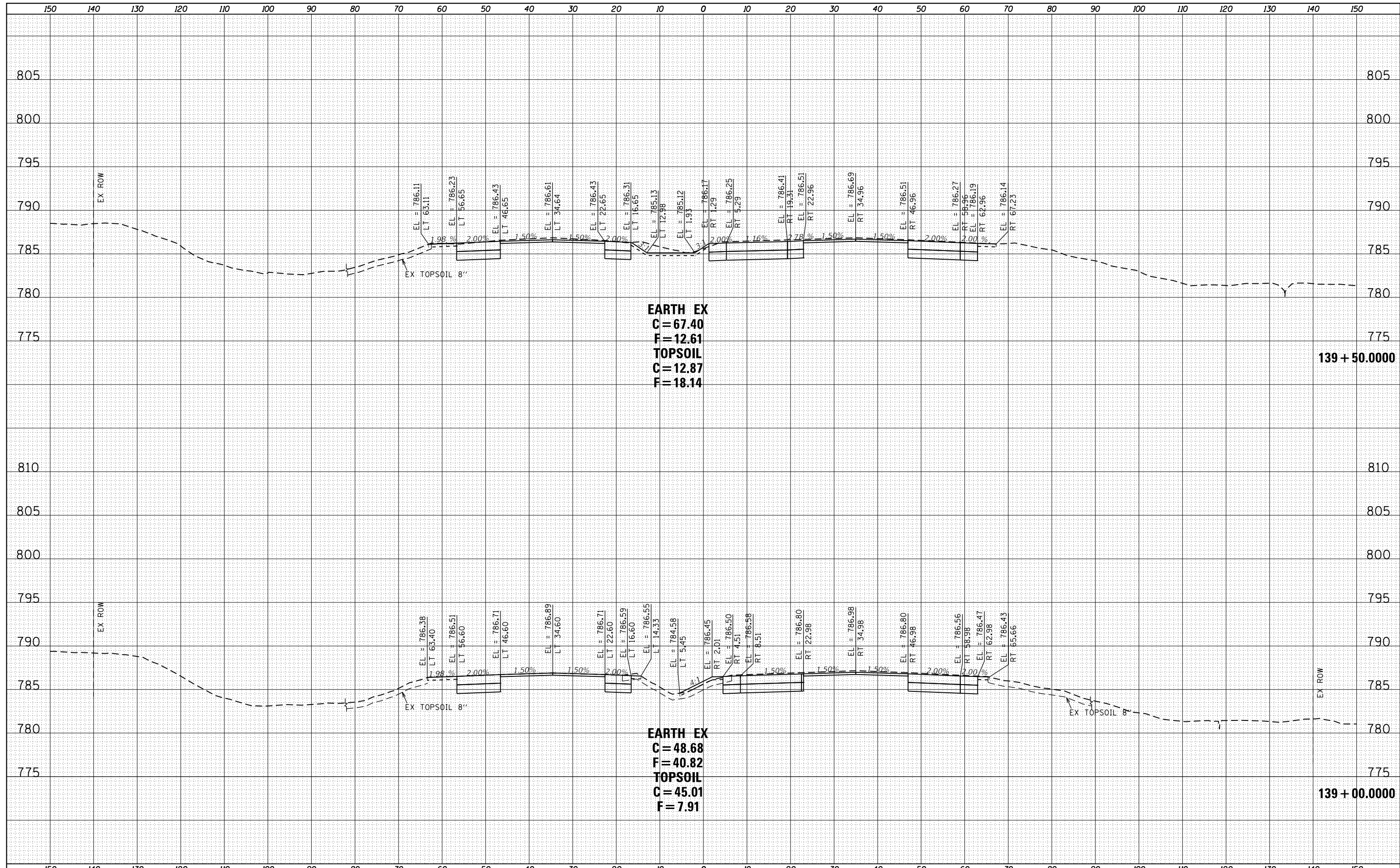
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	140
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

**EARTH EX
C = 31.74
F = 10.20
TOPSOIL
C = 10.31
F = 2.92**

138 + 50.0000

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

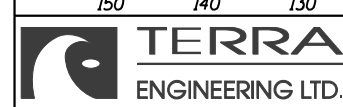


EARTH EX
C = 67.40
F = 12.61
TOPSOIL
C = 12.87
F = 18.14

139 + 50.0000

EARTH EX
C = 48.68
F = 40.82
TOPSOIL
C = 45.01
F = 7.91

139 + 00.0000



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D:\15176-shr-XS-US24-WEST008.dwg	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:53:27 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
US 24

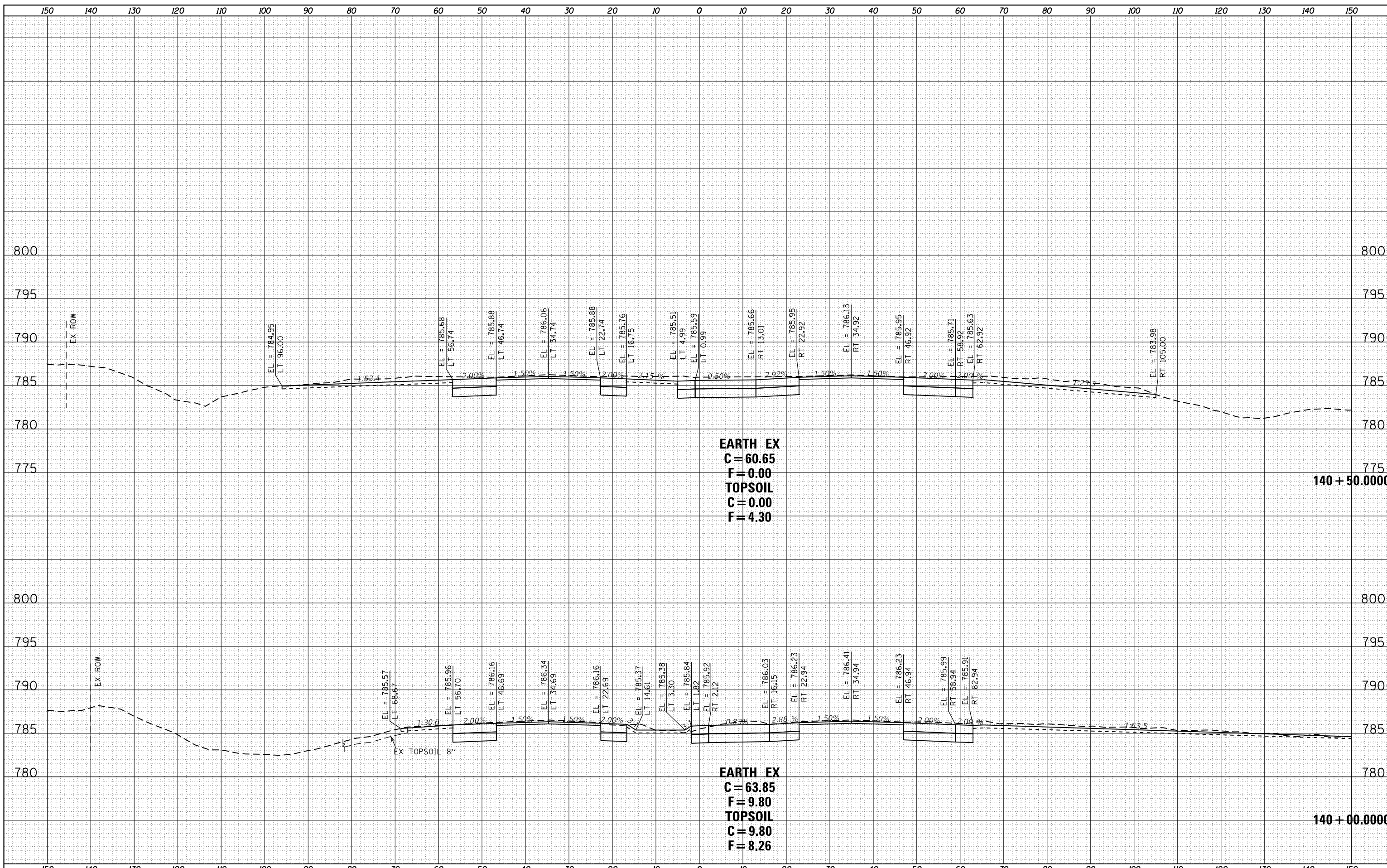
SCALE: SHEET 8 OF 21 SHEETS STA. 139+00.0000 TO STA. 139+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	141
CONTRACT NO.			89849	

ILLINOIS FED. AID PROJECT

DATE	BY

DATE	BY



EARTH EX
C = 60.65
F = 0.00
TOPSOIL
C = 0.00
F = 4.30

140 + 50.0000

EARTH EX
C = 63.85
F = 9.80
TOPSOIL
C = 9.80
F = 8.26

140 + 00.0000



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D415176-sh1-XS-US24-WEST009.dwg	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:53:33 PM	DATE - 5/5/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

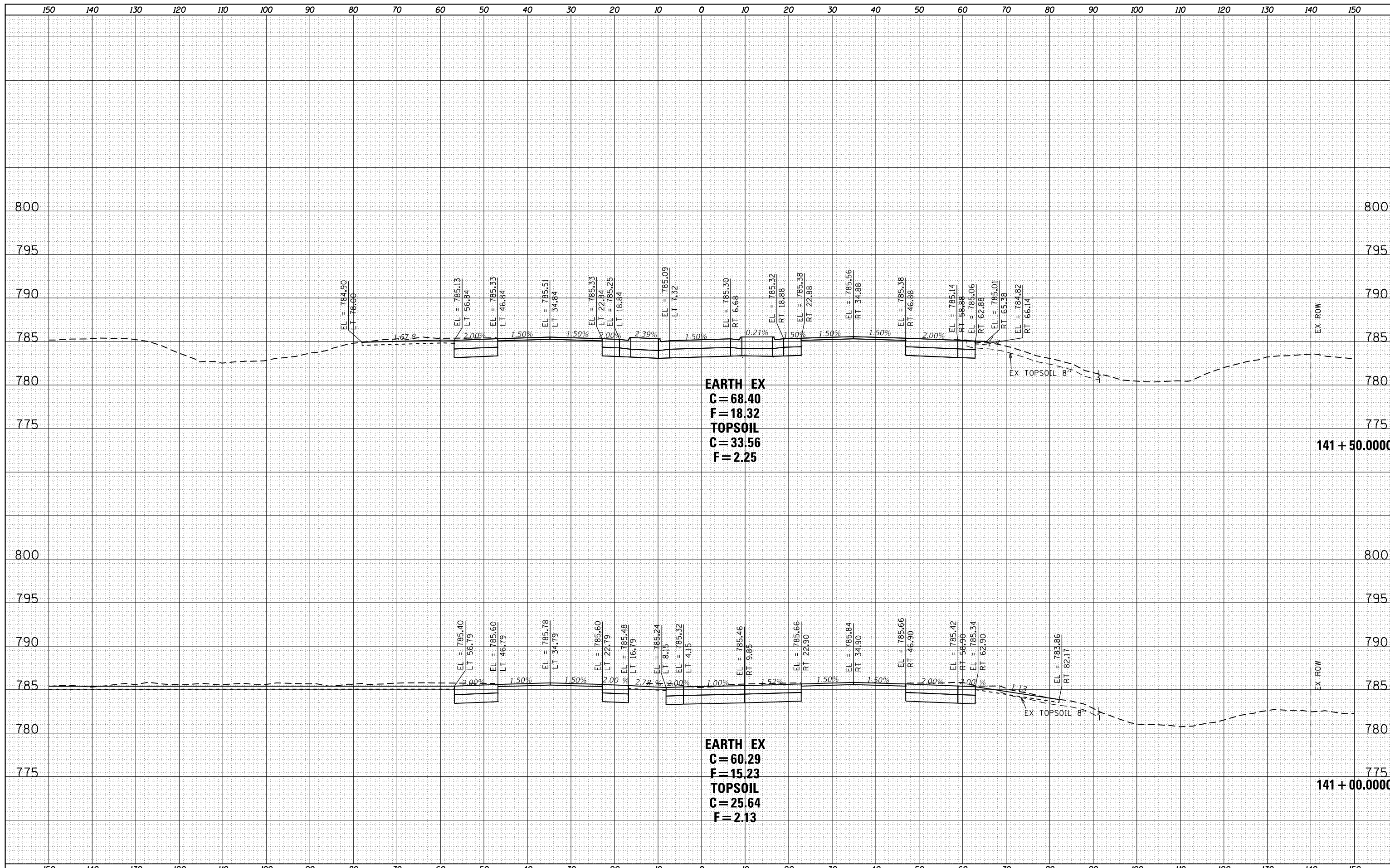
**CROSS SECTIONS
US 24**

SCALE: SHEET 9 OF 21 SHEETS STA. 140+00.0000 TO STA.140+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	142
CONTRACT NO.			89849	

BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	

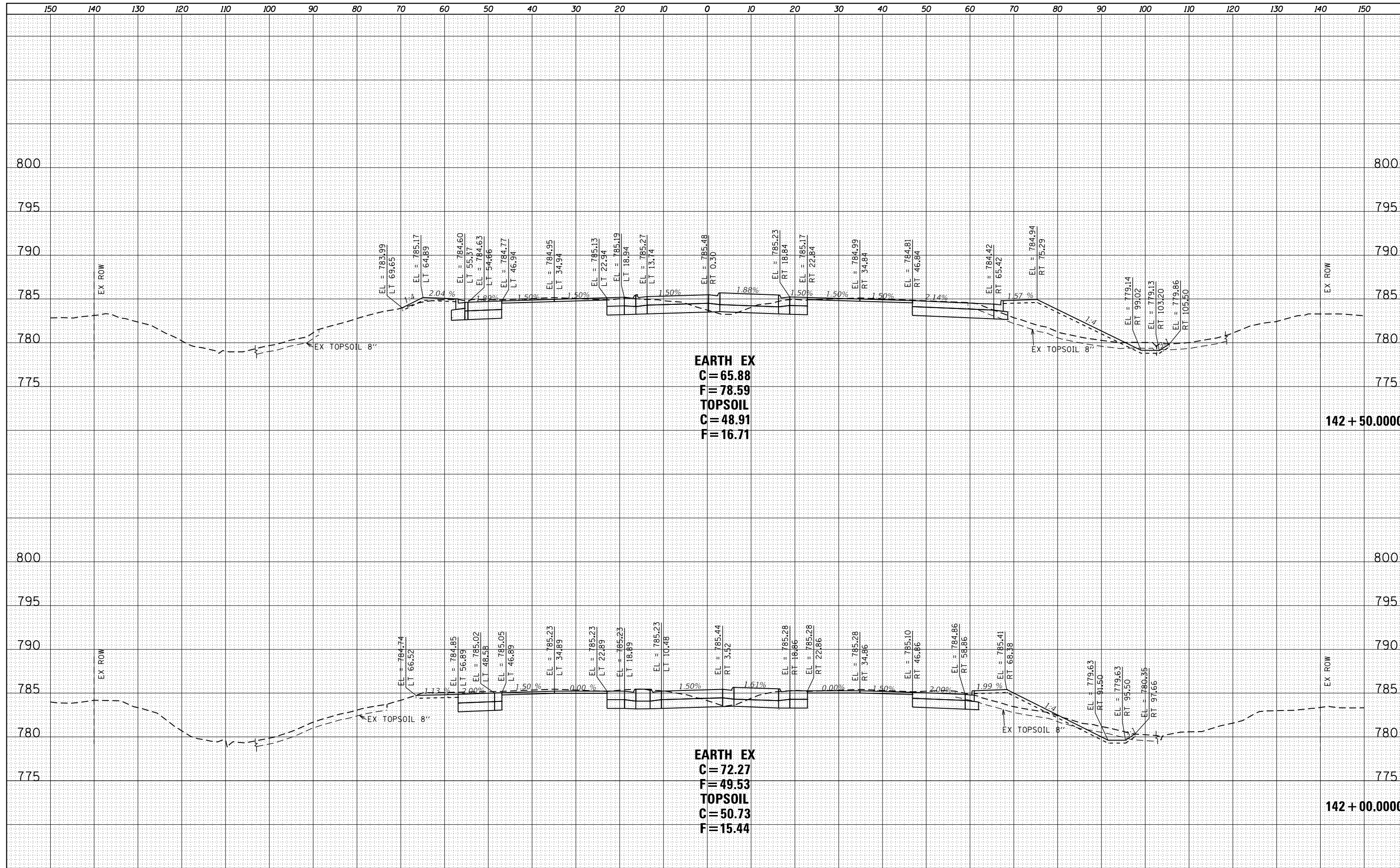
BY	DATE
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS	
CHECKED	
NO.	



	USER NAME = CurtissL	DESIGNED - AB	REvised -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS US 24			F.A.P. RTE. 317	SECTION 23-00113-00-SP	COUNTY TAZEWELL	TOTAL SHEETS 181	SHEET NO. 143
	FILENAME = D:\15176-shr-XS-US24-WEST010.dwg	DRAWN - AB/AE	REvised -		SCALE: SHEET 10 OF 21 SHEETS	STA. 141+00.0000 TO STA. 141+50.0000	CONTRACT NO. 89849		ILLINOIS FED. AID PROJECT			
	PLOT SCALE = 20.0000' / in.	CHECKED - ET	REvised -		DATE - 5/5/2023							
	PLOT DATE = 6/28/2023 5:53:40 PM											

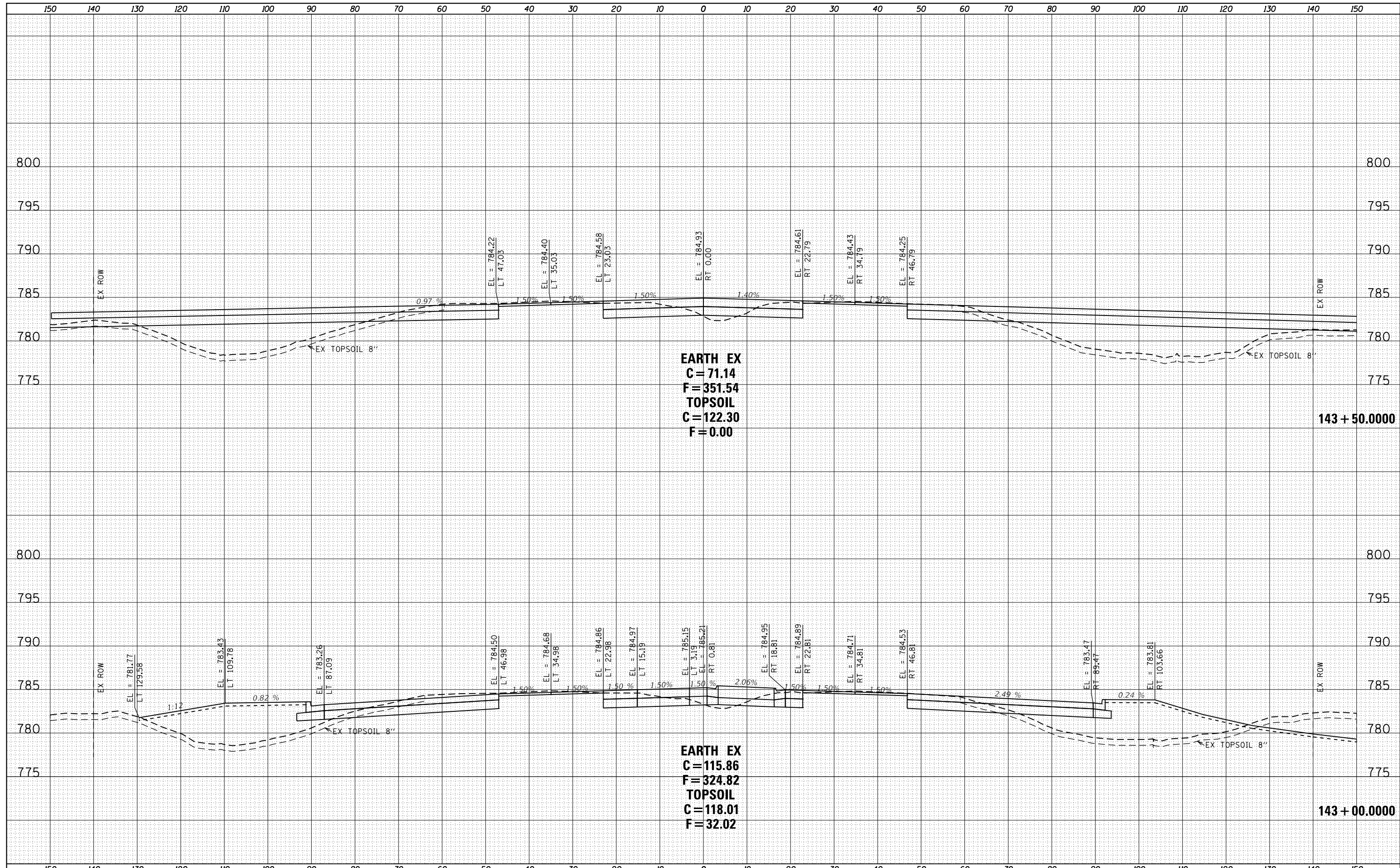
DATE	
BY	
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

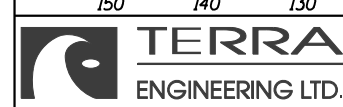


EARTH EX
C = 71.14
F = 351.54
TOPSOIL
C = 122.30
F = 0.00

143 + 50.0000

EARTH EX
C = 115.86
F = 324.82
TOPSOIL
C = 118.01
F = 32.02

143 + 00.0000



USER NAME = CurtissL
 FILENAME = D415176-sh1-XS-US24-WEST012.dwg
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:53:53 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

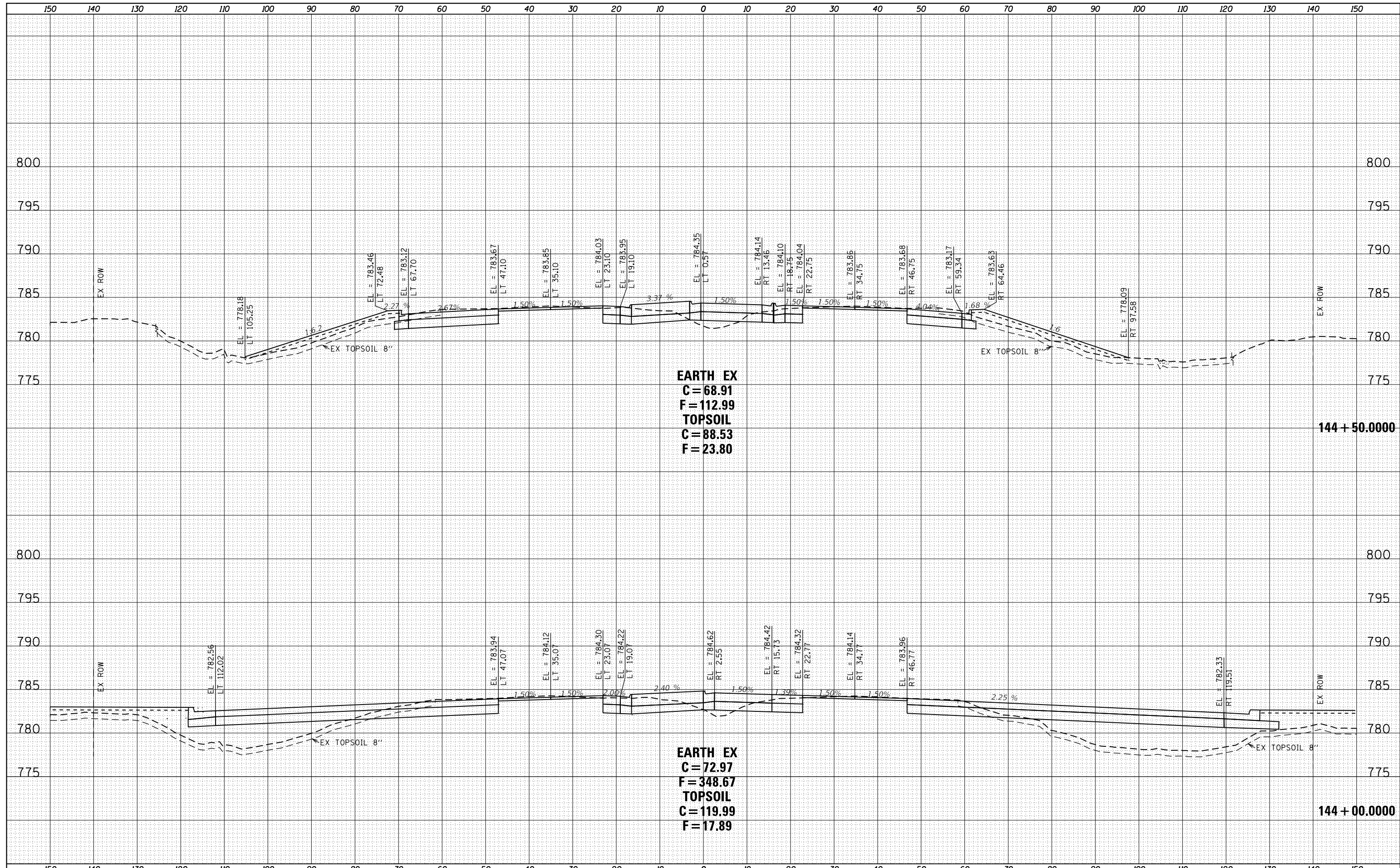
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
US 24
 SCALE: SHEET 12 OF 21 SHEETS STA. 143+00.0000 TO STA. 143+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	145
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

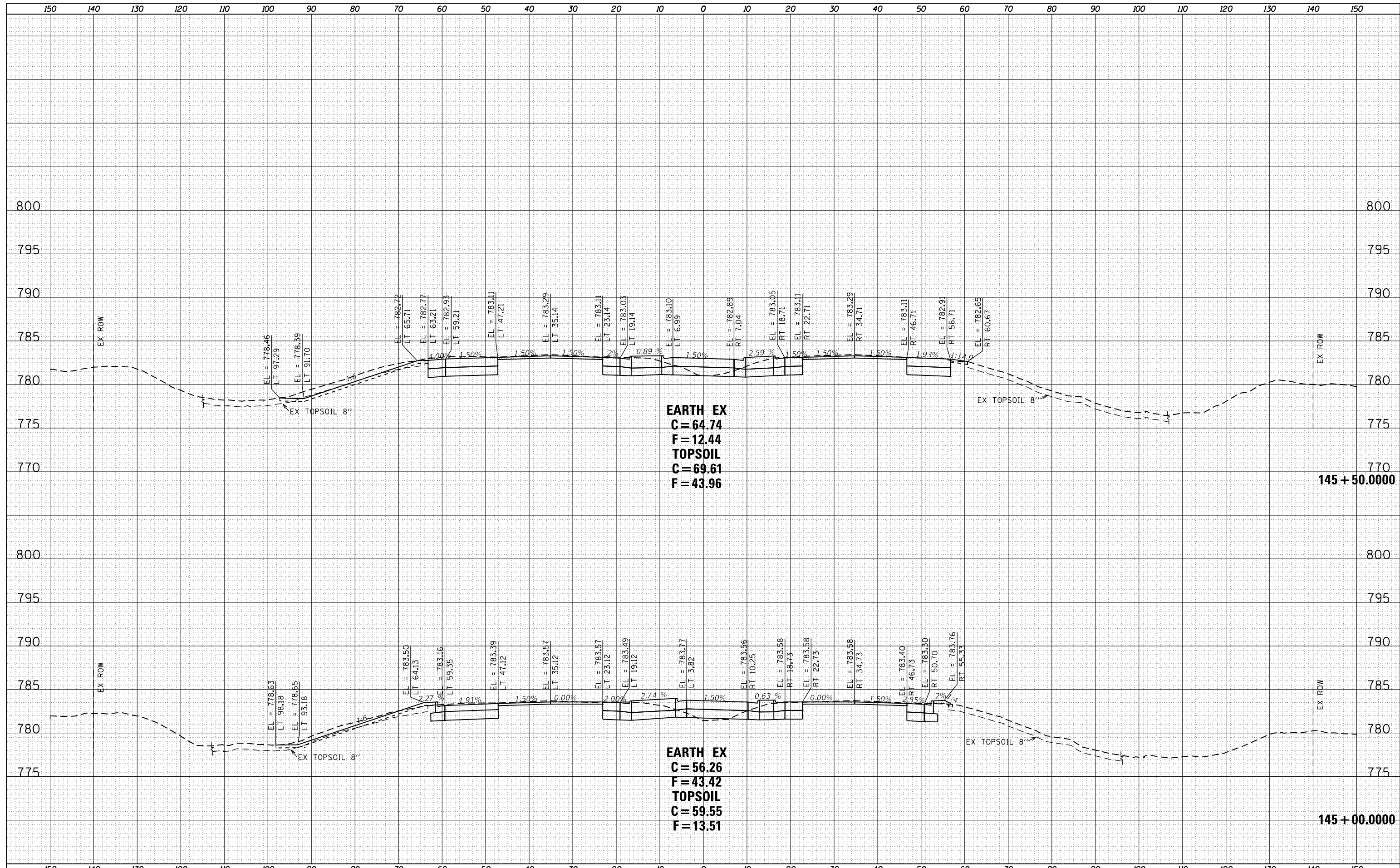
DATE	
BY	
FINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



BY	DATE

BY	DATE



USER NAME	= CurtissL
FILENAME	= D:\15176-sht-XS-US24-WEST014.dgn
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 6/28/2023 5:54:06 PM

DESIGNED	- AB	REVISED	-
DRAWN	- AB/AE	REVISED	-
CHECKED	- ET	REVISED	-
DATE	- 5/5/2023	REVISED	-

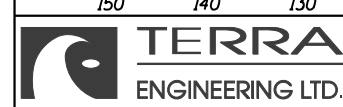
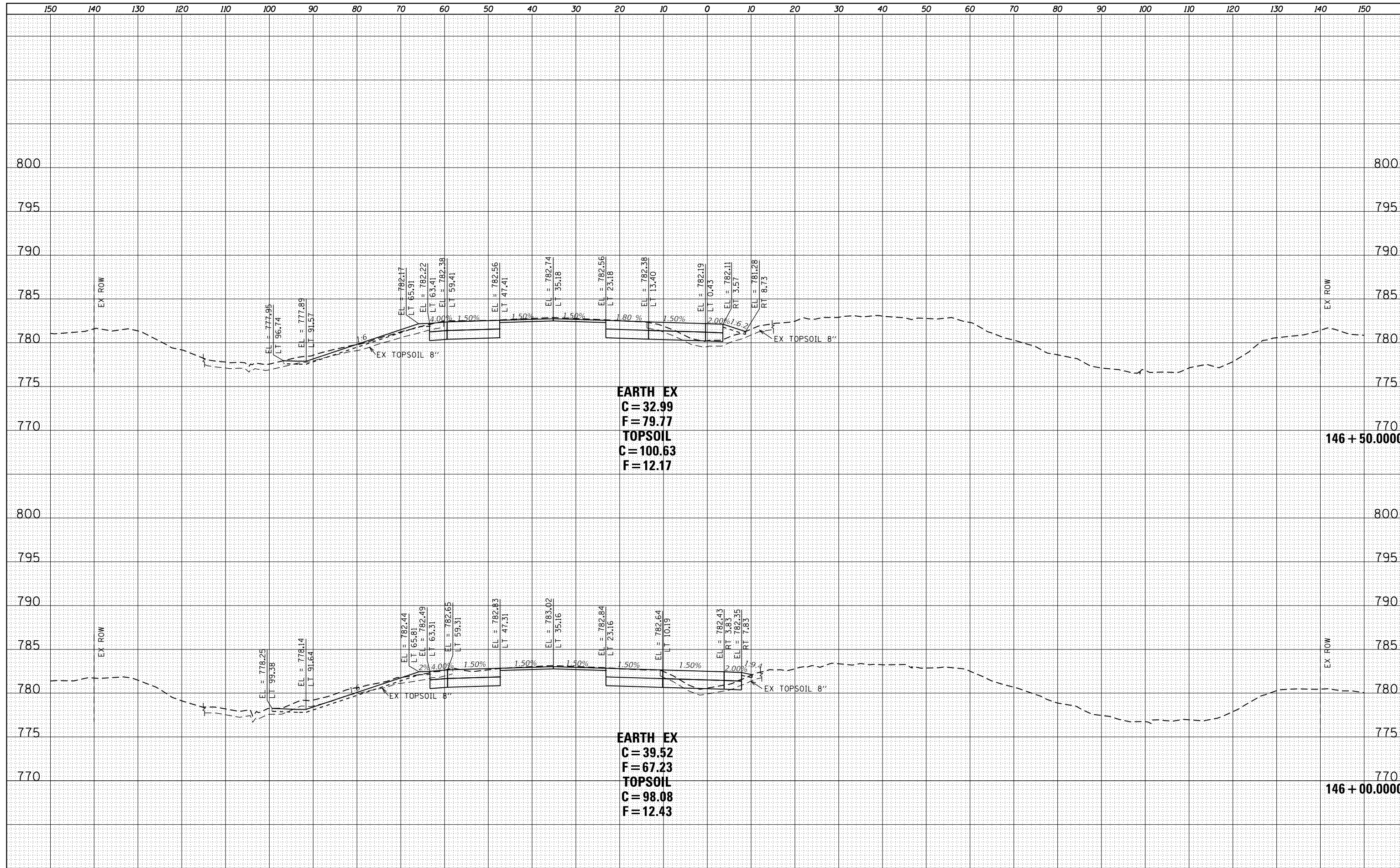
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
US 24			
SCALE:	SHEET 14	OF 21	SHEETS
	STA. 145+00.0000		TO STA. 145+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	147
		CONTRACT NO.	89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D:\415176-sh-t-XS-US24-WEST015.dwg	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:54:12 PM	DATE - 5/5/2023	REVISED -

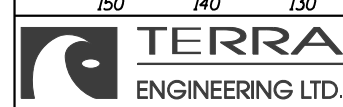
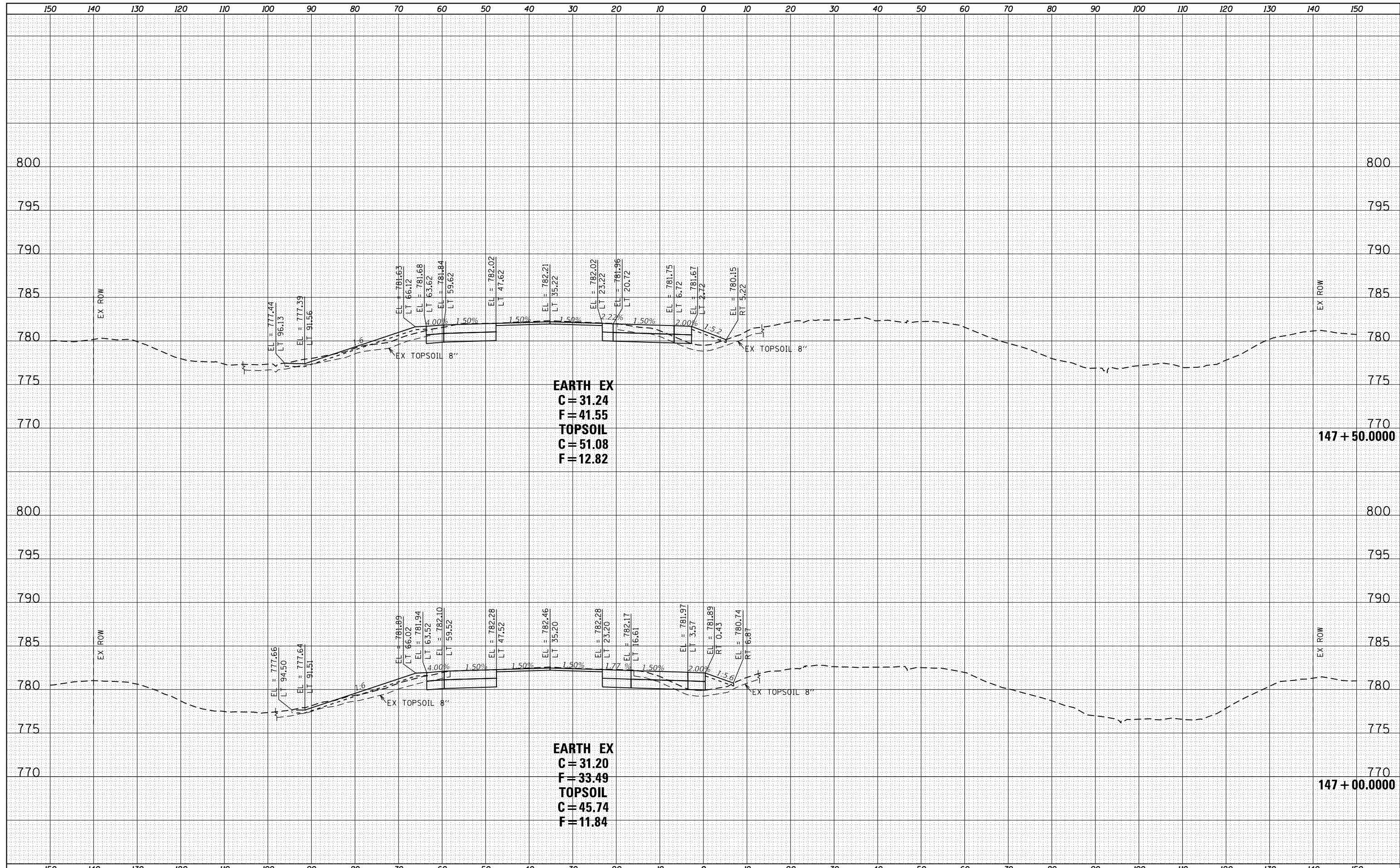
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS US 24			
SCALE:	SHEET 15	OF 21 SHEETS	STA. 146+00.0000 TO STA. 146+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	148
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D:\415176-sh-t-XS-US24-WEST016.dwg	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:54:19 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

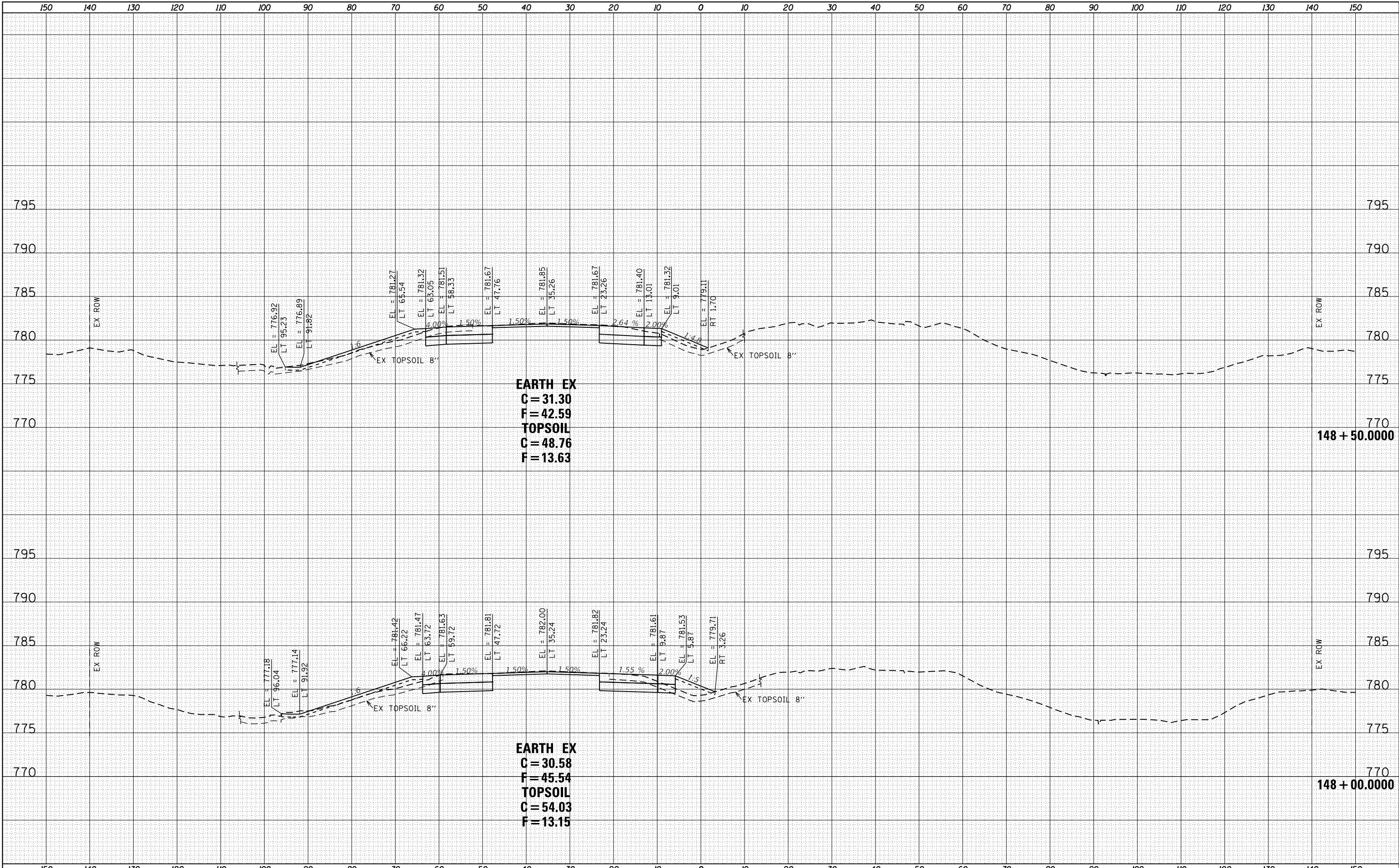
CROSS SECTIONS US 24			
SCALE:	SHEET 16	OF 21	SHEETS
STA. 147+00.0000 TO STA. 147+50.0000			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	149
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

BY	DATE

BY	DATE



EARTH EX
C = 31.30
F = 42.59
TOPSOIL
C = 48.76
F = 13.63

148 + 50.000

EARTH EX
C = 30.58
F = 45.54
TOPSOIL
C = 54.03
F = 13.15

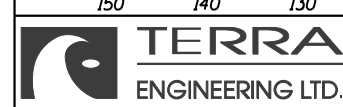
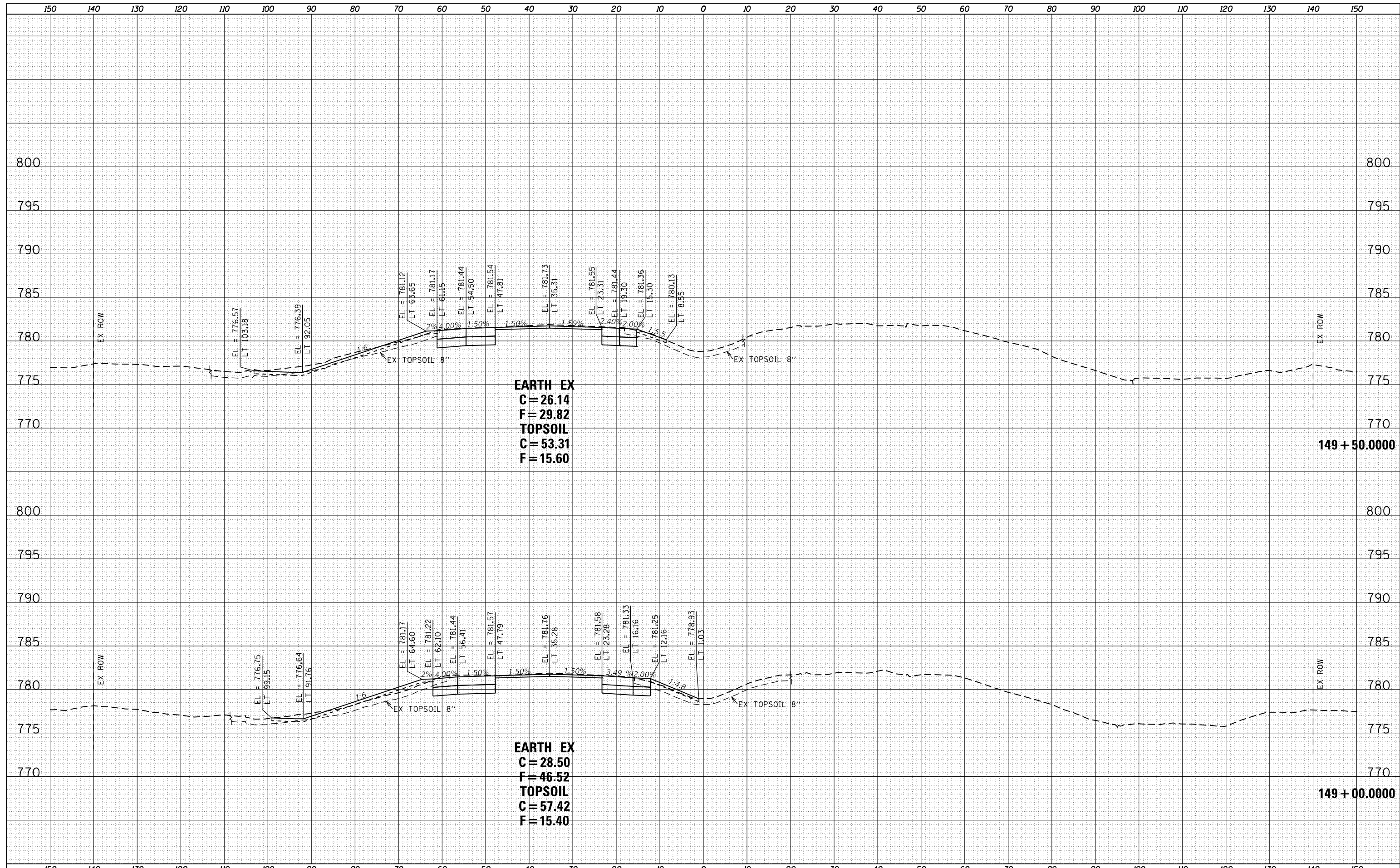
148 + 00.000

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

	USER NAME = CurtissL	DESIGNED - AB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS US 24	F.A.P. RTE. 317	SECTION 23-00113-00-SP	COUNTY TAZEWELL	TOTAL SHEETS 181	SHEET NO. 150	
	FILENAME = D415176-sh1-XS-US24-WEST017.dwg	DRAWN - AB/AE	REVISED -			SCALE: SHEET 17 OF 21 SHEETS STA. 148+00.000 TO STA. 148+50.000			CONTRACT NO. 89849		
	PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -			ILLINOIS FED. AID PROJECT					
PLOT DATE = 6/28/2023 5:54:27 PM	DATE = 5/5/2023	REVISED -									

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D415176-sh1-XS-US24-WEST018.dwg	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:54:34 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

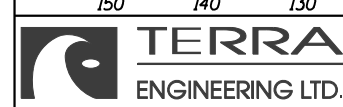
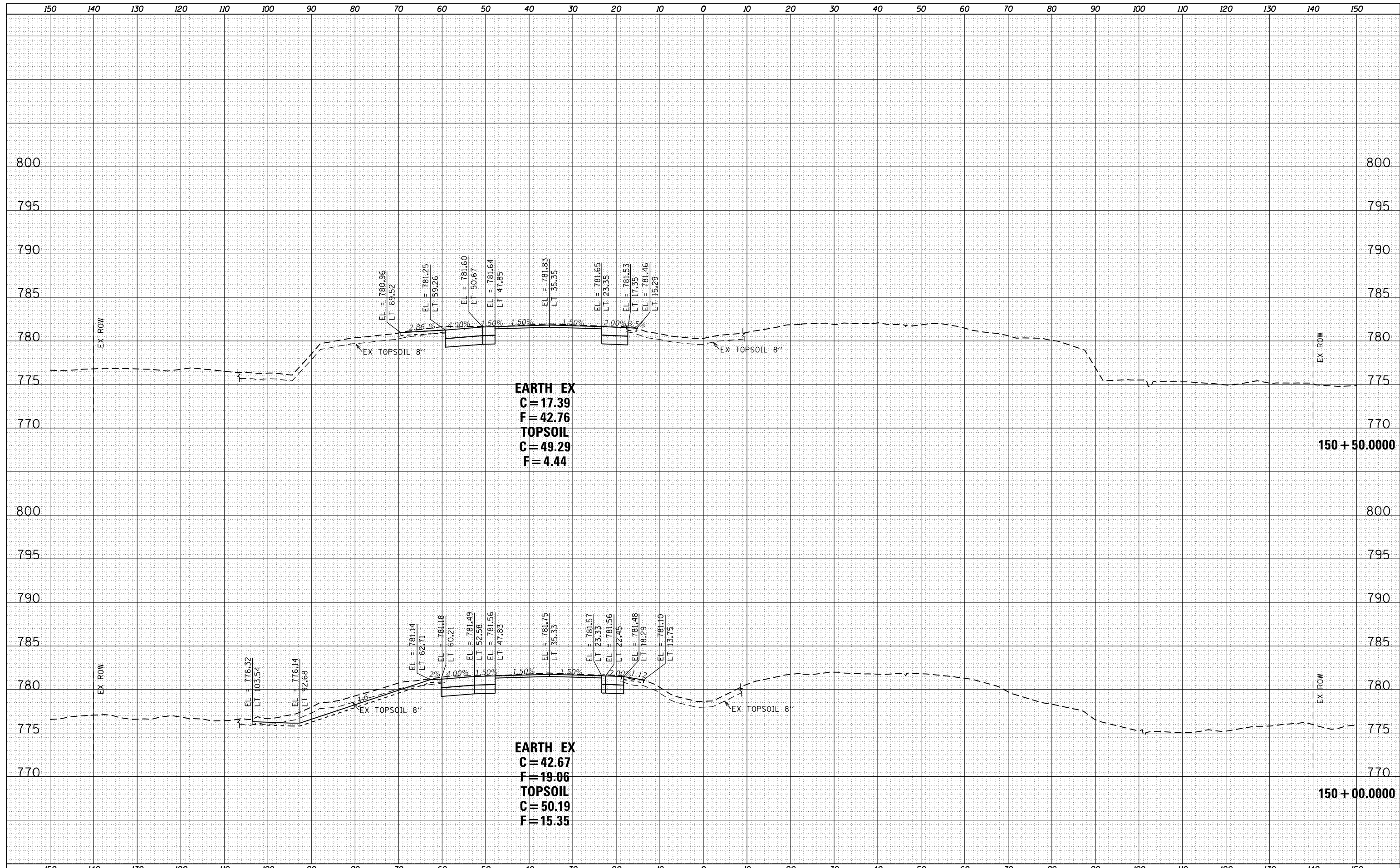
CROSS SECTIONS
US 24

SCALE: SHEET 18 OF 21 SHEETS STA. 149+00.0000 TO STA. 149+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	151
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



USER NAME = CurtissL
 FILENAME = D:\15176-shr-XS-US24-WEST019.dwg
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:54:40 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

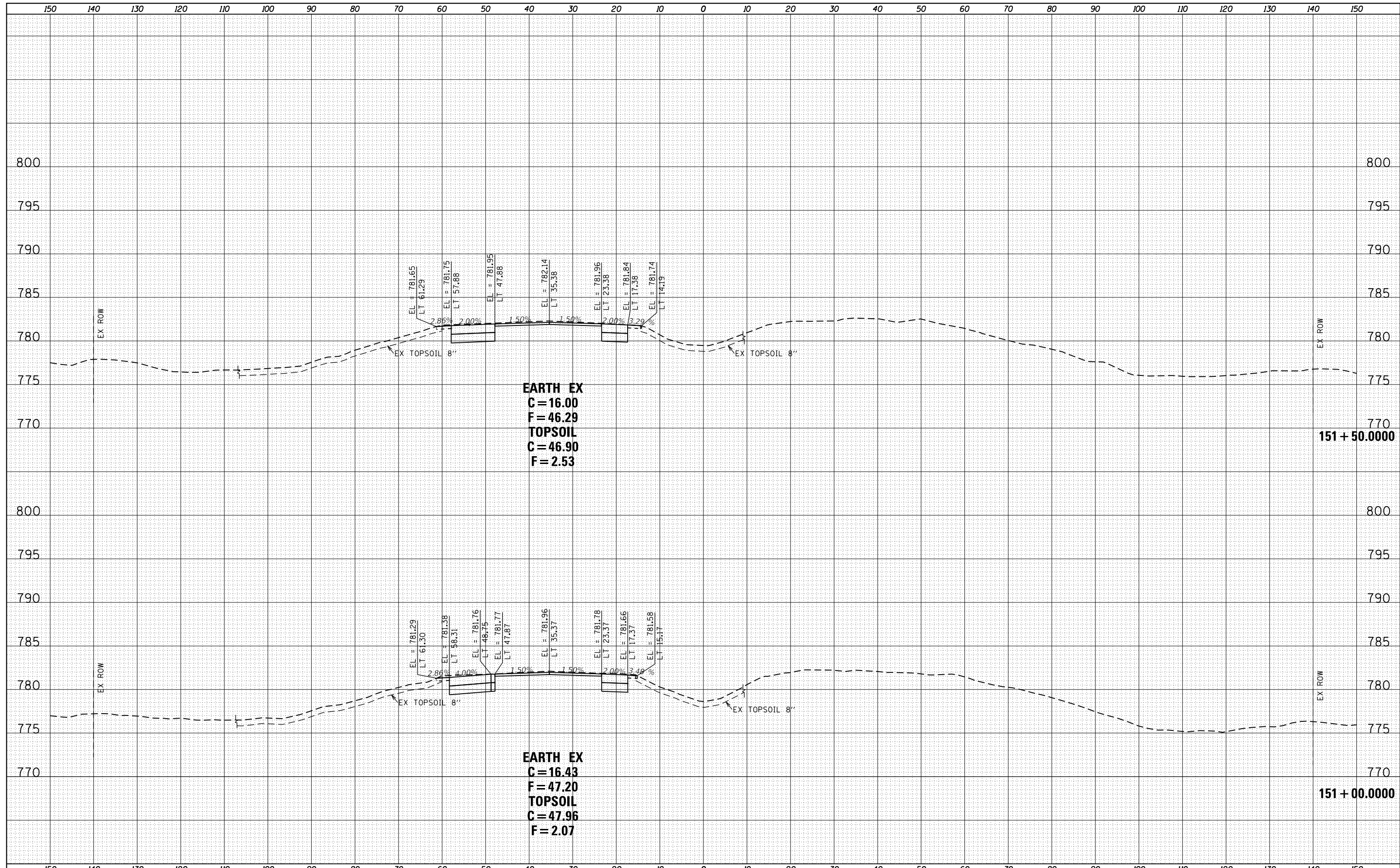
CROSS SECTIONS
US 24

SCALE: SHEET 19 OF 21 SHEETS STA. 150+00.0000 TO STA. 150+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	152
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

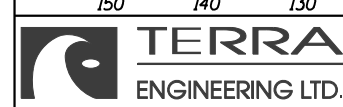


EARTH EX
C = 16.00
F = 46.29
TOPSOIL
C = 46.90
F = 2.53

151 + 50.0000

EARTH EX
C = 16.43
F = 47.20
TOPSOIL
C = 47.96
F = 2.07

151 + 00.0000



USER NAME = CurtissL
 FILENAME = D:\15176-shr-XS-US24-WEST020.dwg
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:54:46 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

REVISIED -
 REVISIED -
 REVISIED -
 REVISIED -

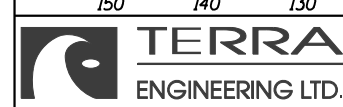
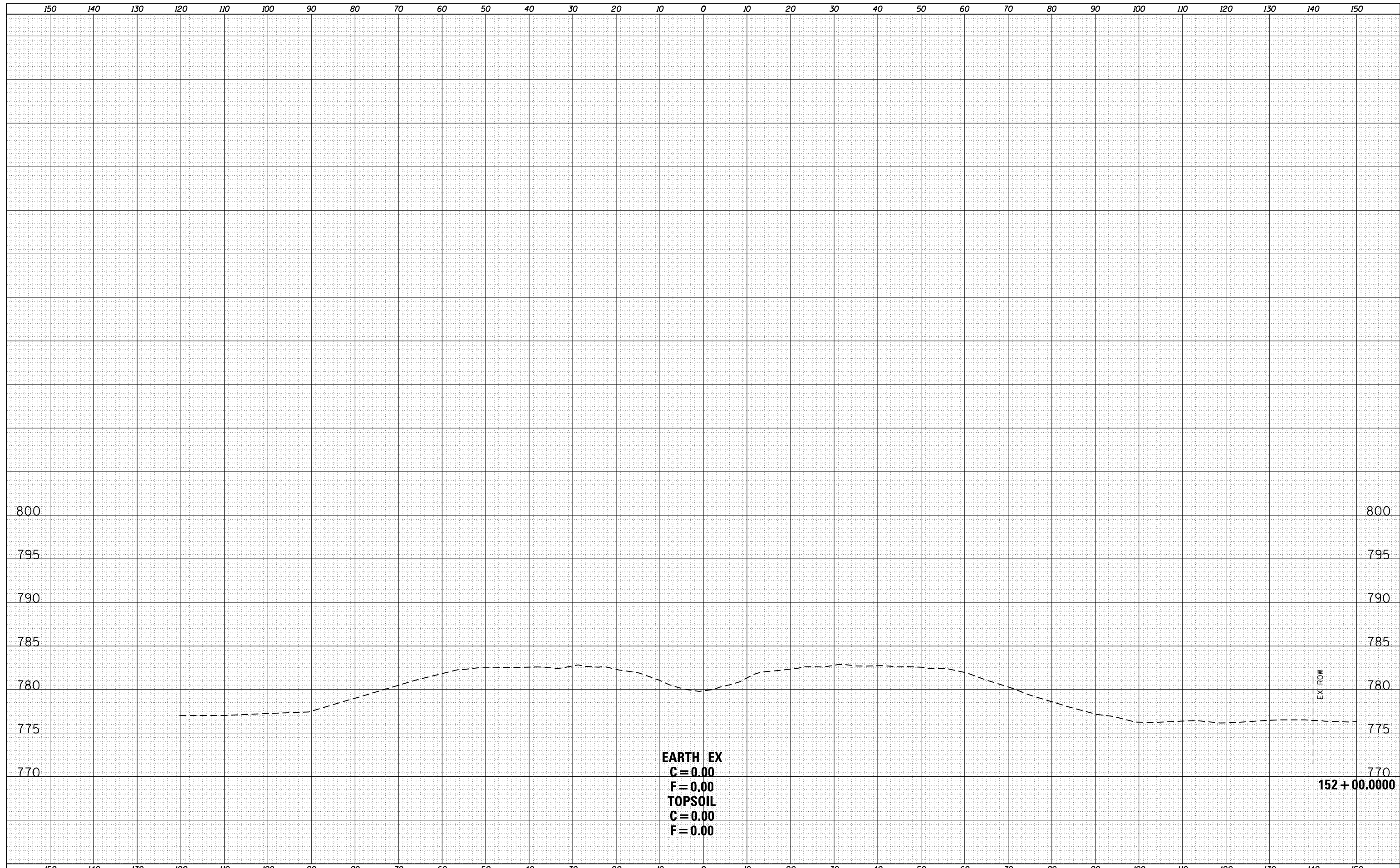
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
US 24
 SCALE: SHEET 20 OF 21 SHEETS STA. 151+00.0000 TO STA. 151+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	153
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D415176-sh-t-XS-US24-WEST021.dwg	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:54:52 PM	DATE - 5/5/2023	REVISED -

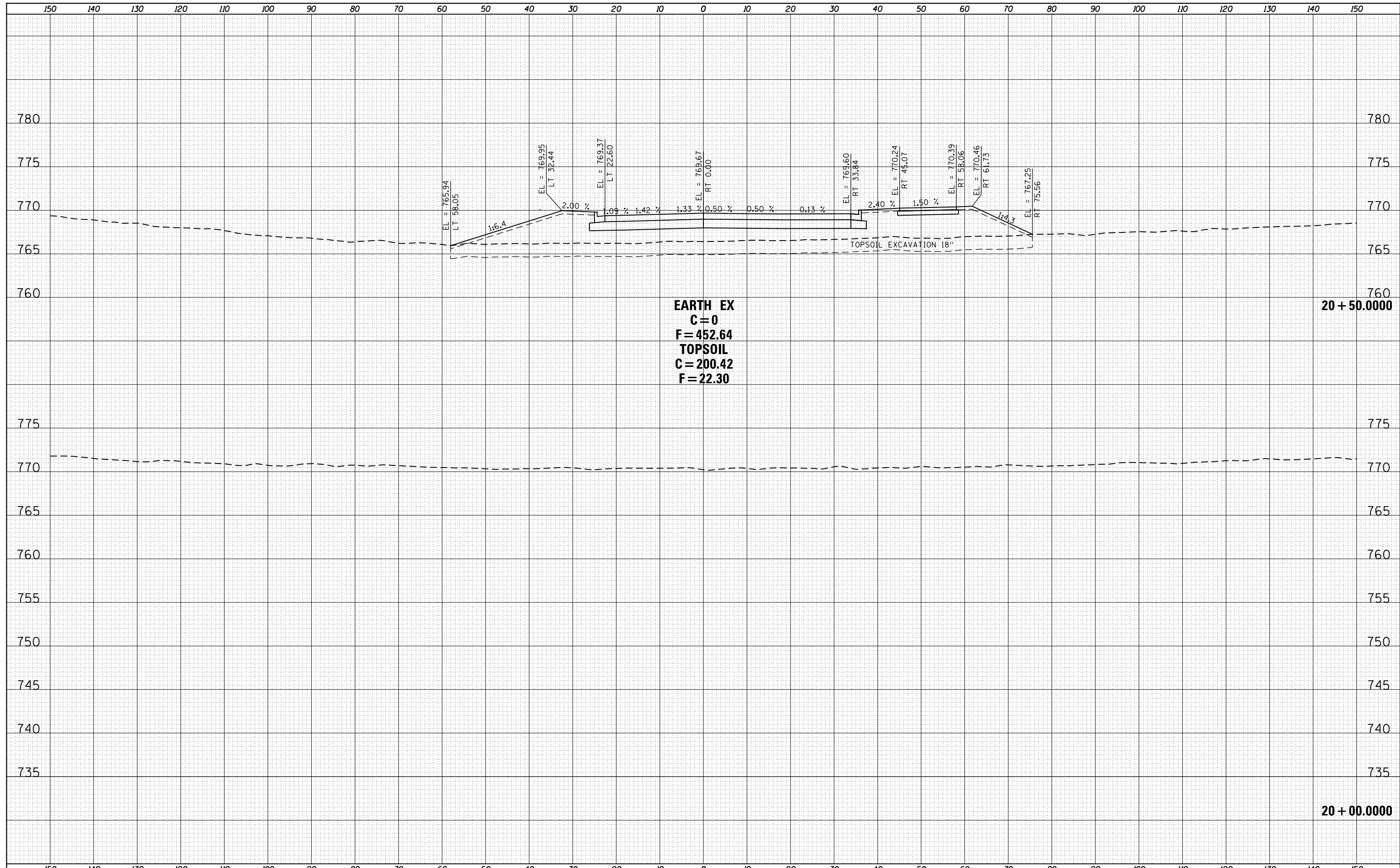
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS US 24			
SCALE:	SHEET 21	OF 21	SHEETS
STA. 152+00.0000 TO STA. 152+00.0000			

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	154
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

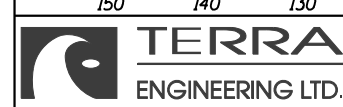
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



EARTH EX
C = 0
F = 452.64
TOPSOIL
C = 200.42
F = 22.30

20 + 50.0000

20 + 00.0000



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D:\15176-sh-t-XS-NDFS001.dgn	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:55:01 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

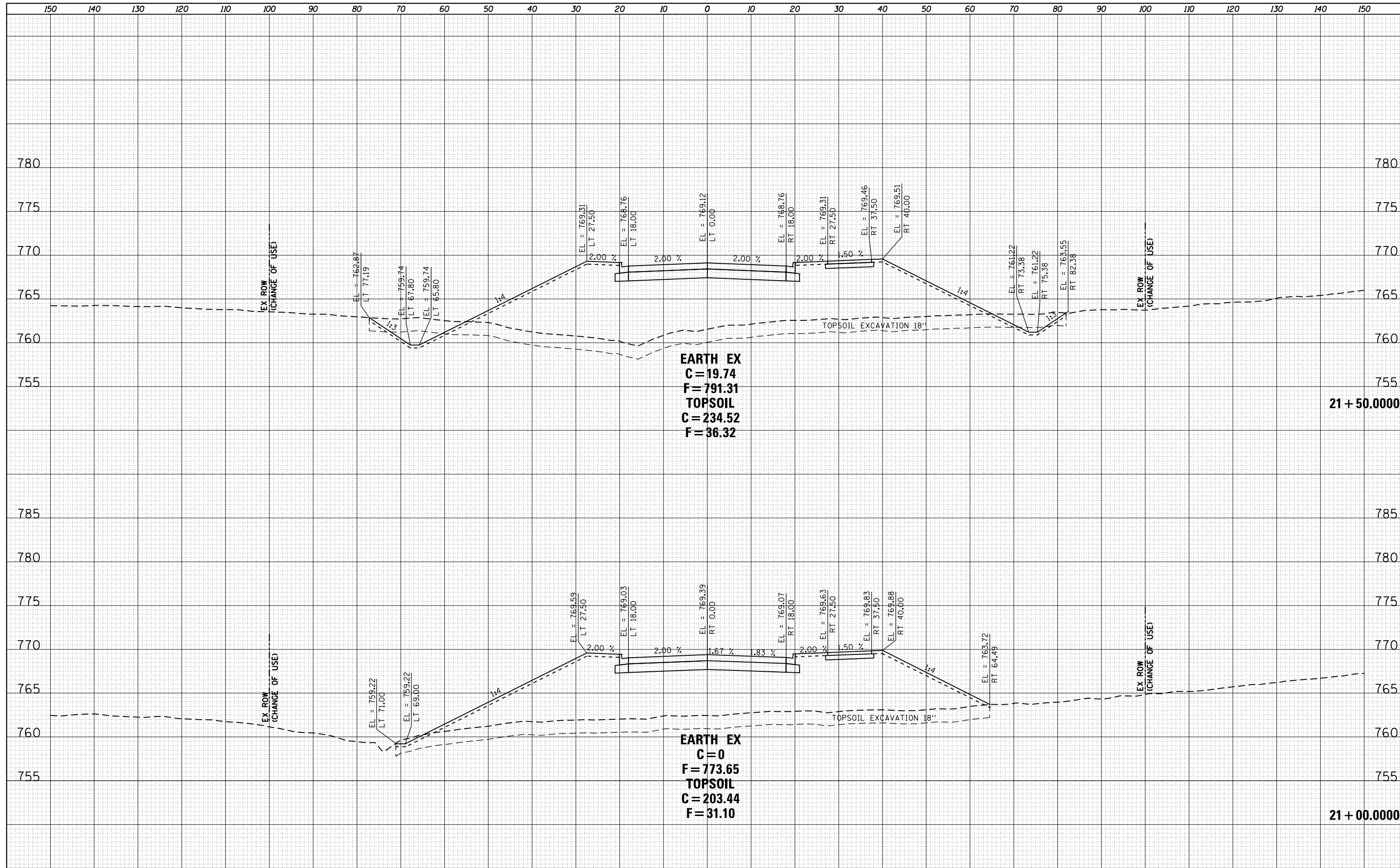
CROSS SECTIONS
PR. NOFSINGER ROAD

SCALE: SHEET 1 OF 27 SHEETS STA. 20+00.0000 TO STA. 20+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	155
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



EARTH EX
C = 19.74
F = 791.31
TOPSOIL
C = 234.52
F = 36.32

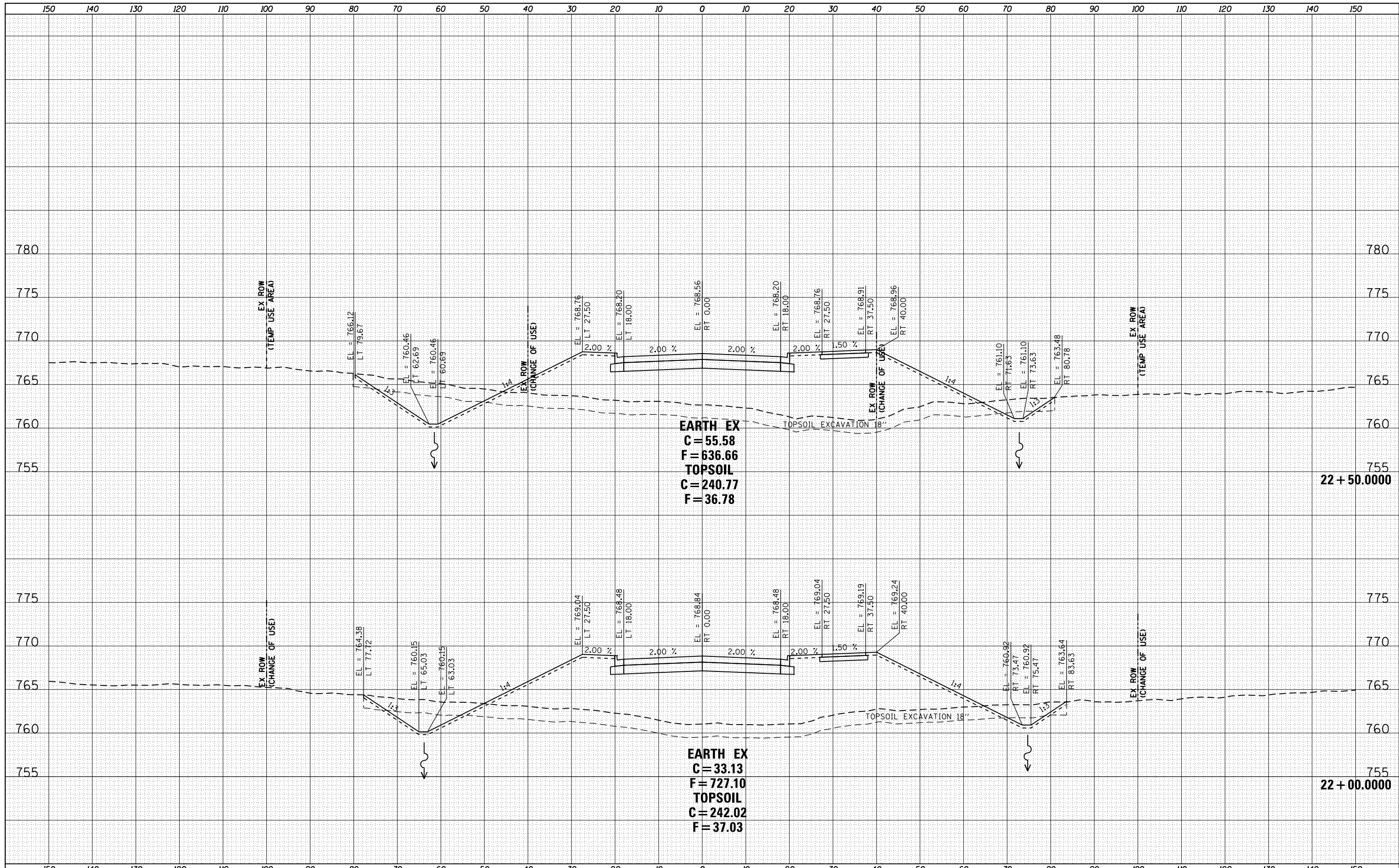
21 + 50.0000

EARTH EX
C = 0
F = 773.65
TOPSOIL
C = 203.44
F = 31.10

21 + 00.0000

BY	DATE

BY	DATE



USER NAME = CurtissL
FILENAME = D415176-sh1-XS-NOFS003.dgn
PLOT SCALE = 20.0000' / in.
PLOT DATE = 6/28/2023 5:55:14 PM

DESIGNED - AB	REVISED -
DRAWN - AB/AE	REVISED -
CHECKED - ET	REVISED -
DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

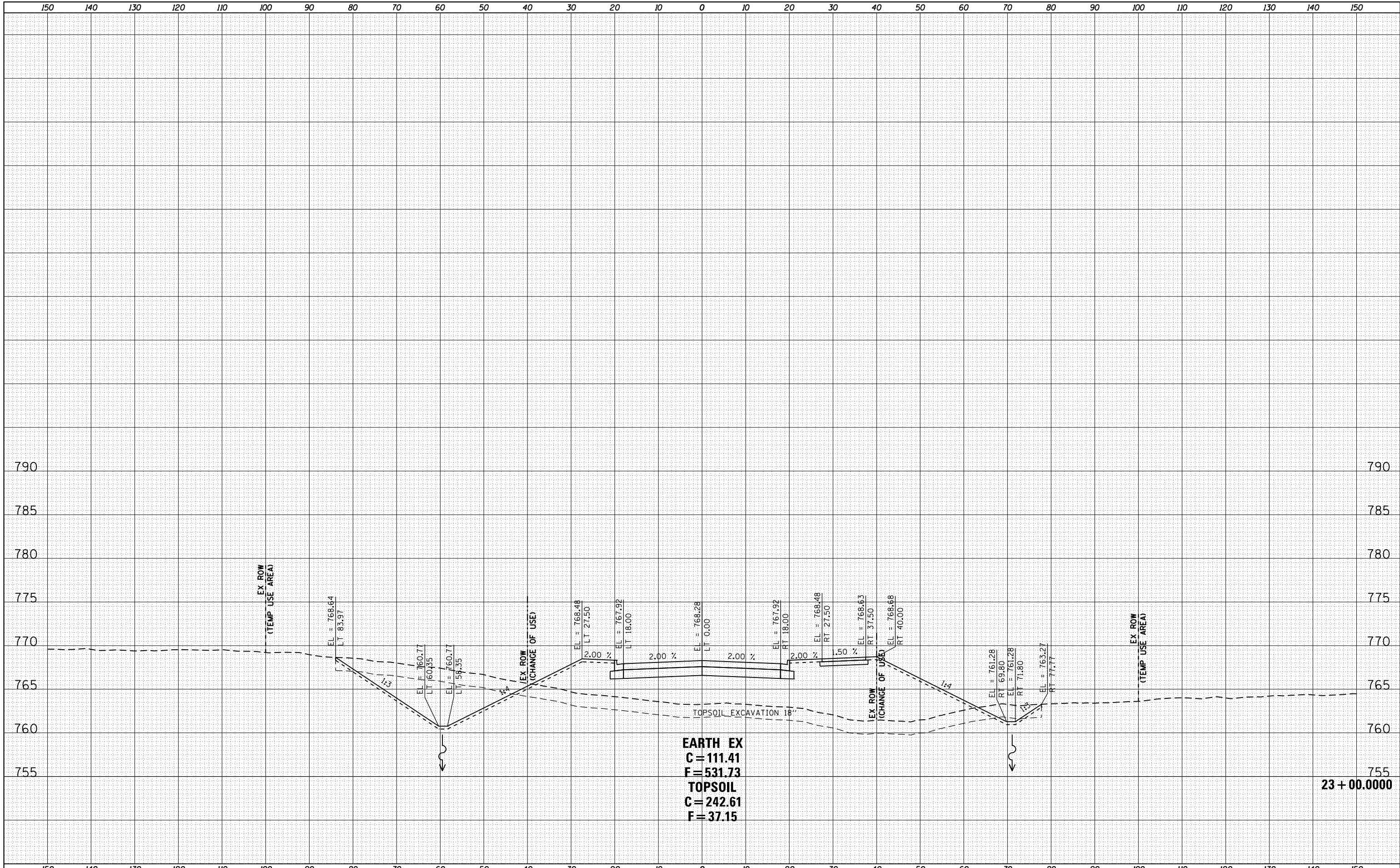
CROSS SECTIONS
PR. NOFSINGER ROAD

SCALE: SHEET 3 OF 27 SHEETS STA. 22+00.0000 TO STA. 22+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	157
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



EARTH EX
C = 111.41
F = 531.73
TOPSOIL
C = 242.61
F = 37.15

23 + 00.0000



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D415176-sh1-XS-NDFS024.dgn	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:55:20 PM	DATE - 5/5/2023	REVISED -

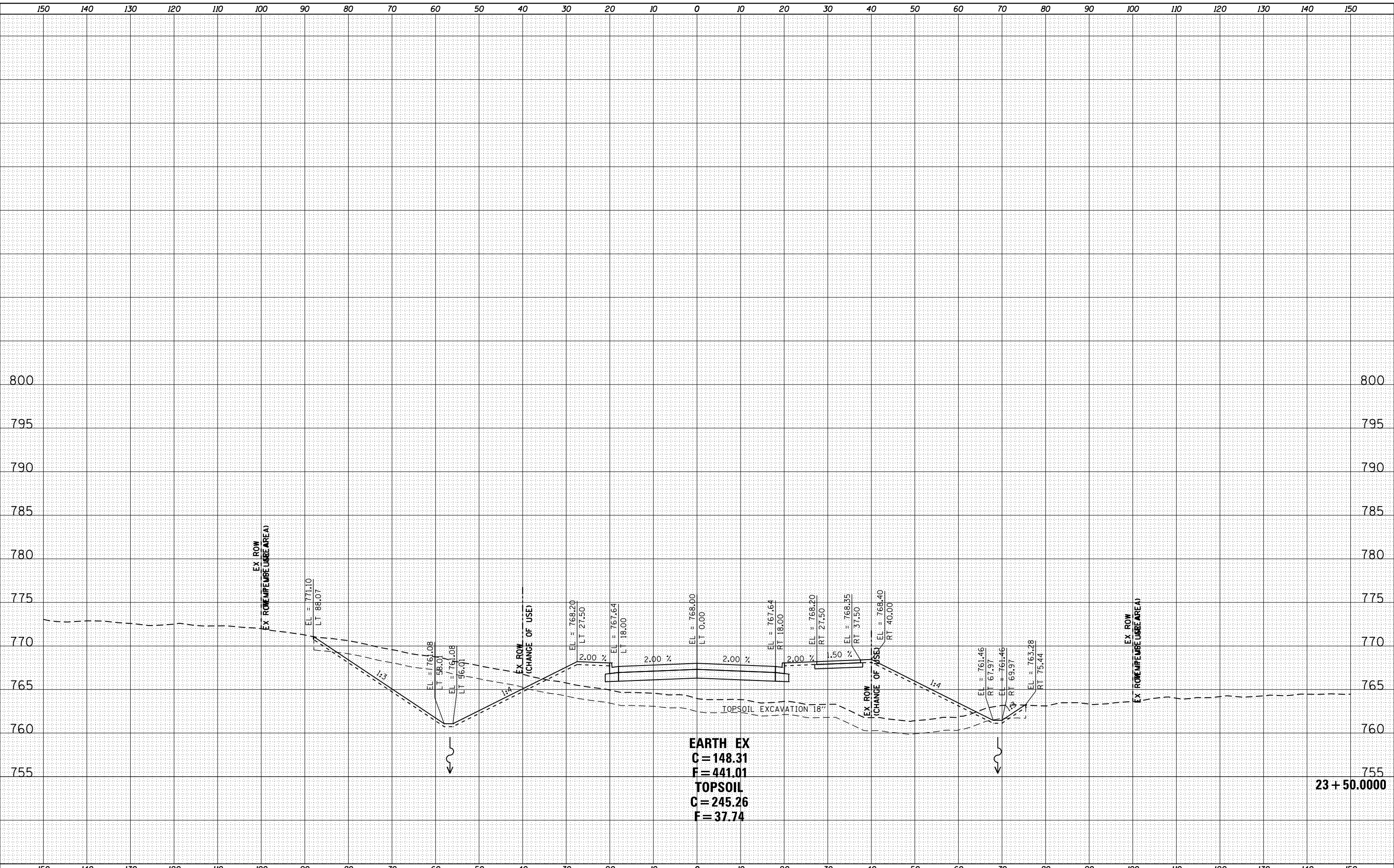
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
PR. NOFSINGER ROAD
 SCALE: SHEET 4 OF 27 SHEETS STA. 23+00.0000 TO STA. 23+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	158
CONTRACT NO. 89849			ILLINOIS FED. AID PROJECT	

BY	DATE

BY	DATE

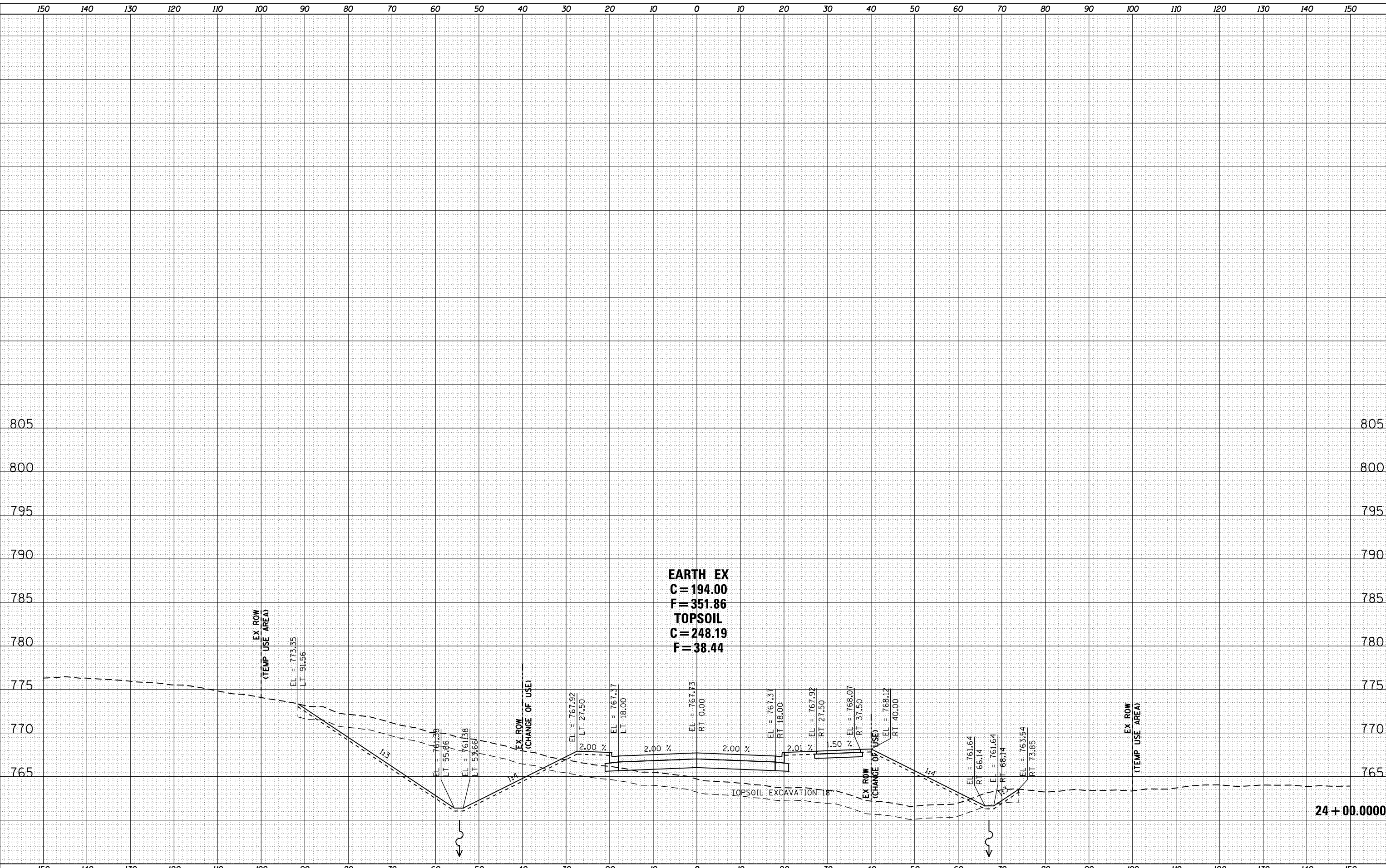


**EARTH EX
C = 148.31
F = 441.01
TOPSOIL
C = 245.26
F = 37.74**

23 + 50.0000

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	TEMP. USE AREAS CHECKED

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	TEMP. USE AREAS CHECKED



USER NAME = Curtisl	DESIGNED - AB	REVISED -
FILENAME = D415176-sh-t-XS-NDFS006.dgn	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:55:32 PM	DATE - 5/5/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

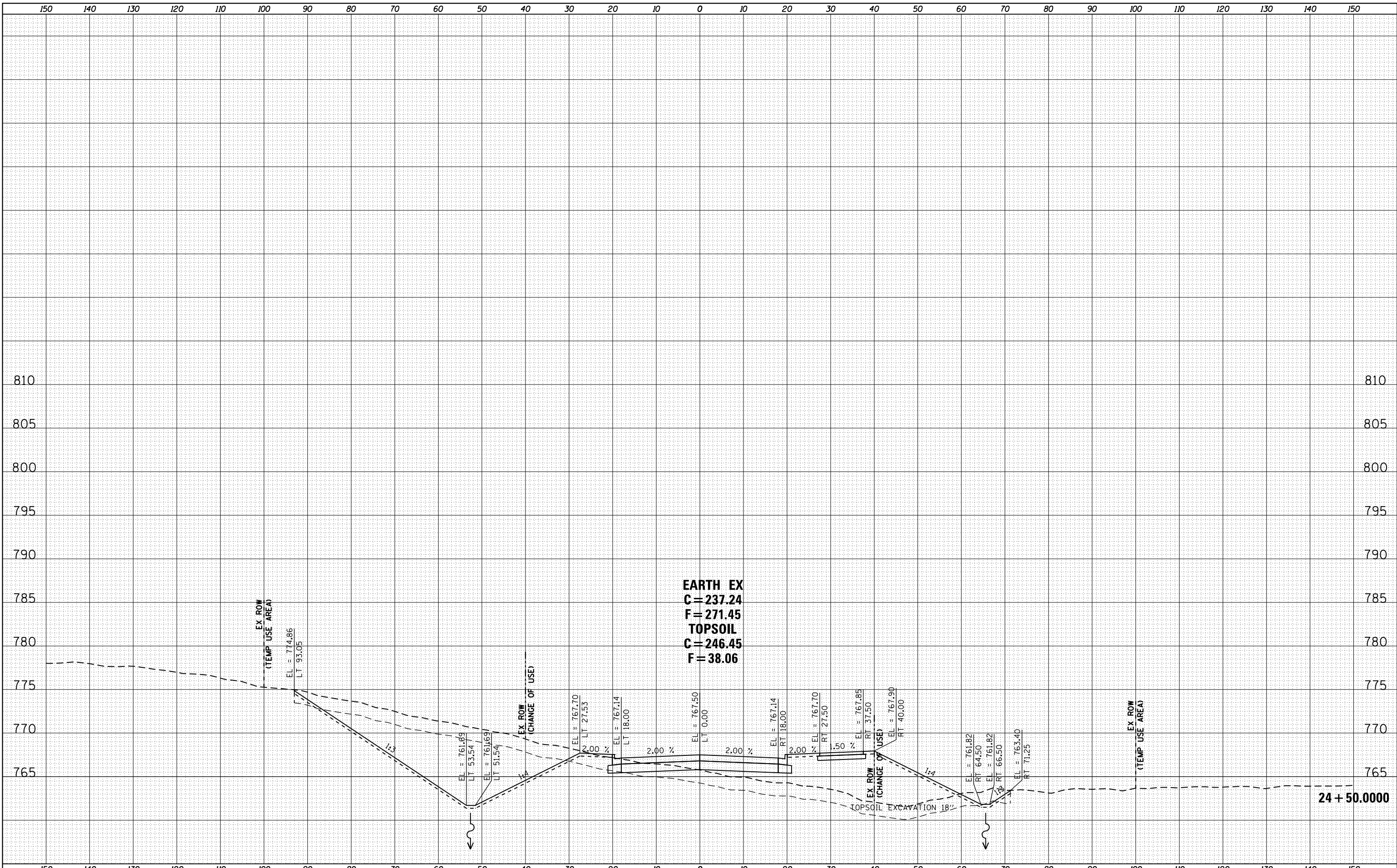
**CROSS SECTIONS
PR. NOFSINGER ROAD**

SCALE: SHEET 6 OF 27 SHEETS STA. 24+00.0000 TO STA. 24+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	160
				CONTRACT NO. 89849
ILLINOIS FED. AID PROJECT				

BY		DATE	

BY		DATE	



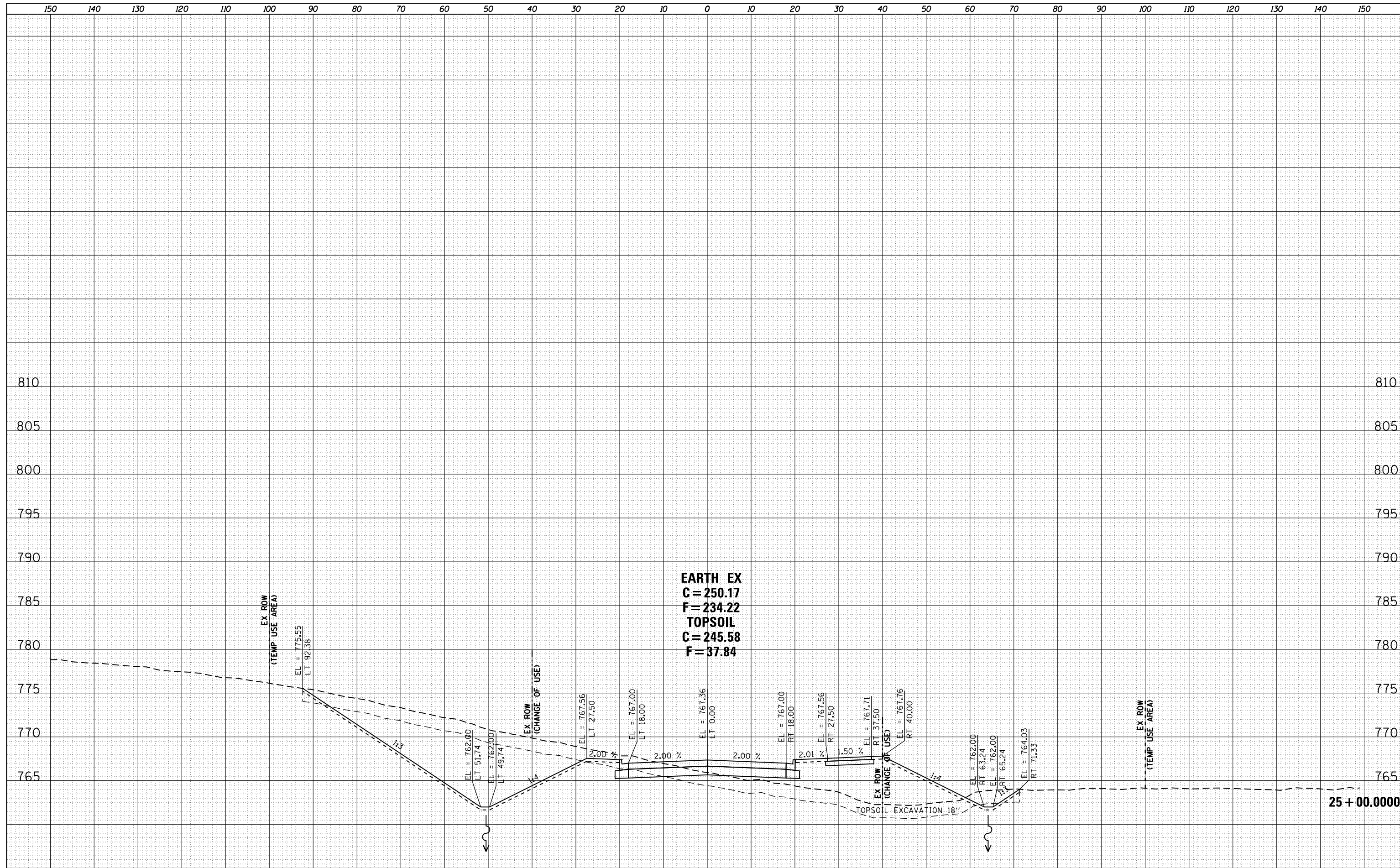
EARTH EX
C = 237.24
F = 271.45
TOPSOIL
C = 246.45
F = 38.06

24 + 50.000

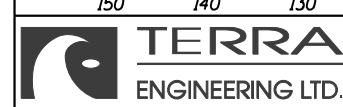
TERRA ENGINEERING LTD.	USER NAME = CurtissL	DESIGNED - AB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS PR. NOFSINGER ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILENAME = D:\15176-sh1-XS-NDFS007.dgn	DRAWN - AB/AE	REVISED -		317	23-00113-00-SP	TAZEWELL	181	161			
	PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -		SCALE: SHEET 7 OF 27 SHEETS STA. 24+50.0000 TO STA. 24+50.0000			CONTRACT NO. 89849				
	PLOT DATE = 6/28/2023 5:55:39 PM	DATE - 5/5/2023	REVISED -	ILLINOIS FED. AID PROJECT								

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



EARTH EX
C = 250.17
F = 234.22
TOPSOIL
C = 245.58
F = 37.84



USER NAME	= CurtissL
FILENAME	= D415176-sh1-XS-NDFS008.dgn
PLOT SCALE	= 20.0000' / in.
PLOT DATE	= 6/28/2023 5:55:47 PM
DESIGNED	- AB
DRAWN	- AB/AE
CHECKED	- ET
DATE	- 5/5/2023

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

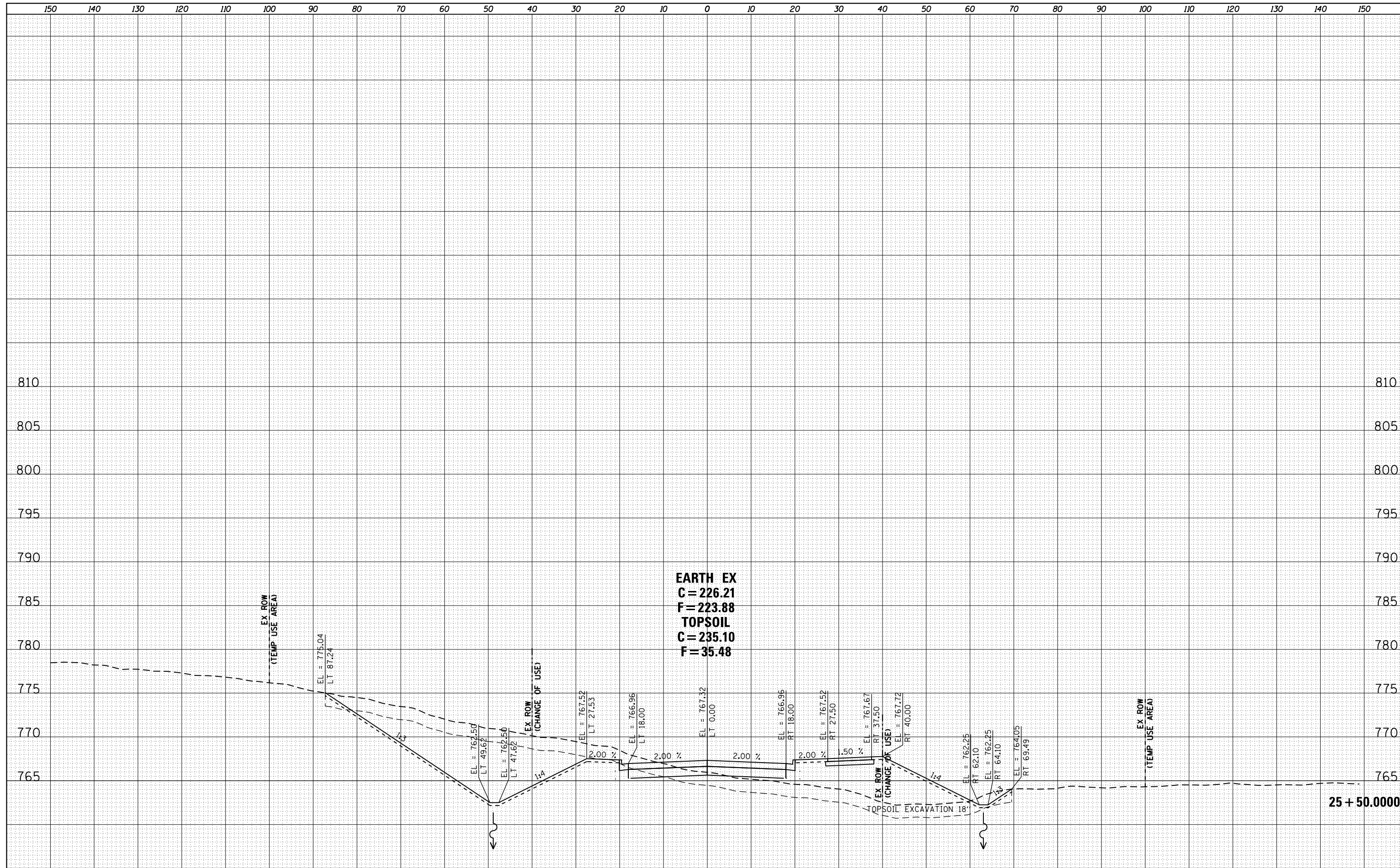
CROSS SECTIONS
PR. NOFSINGER ROAD

SCALE: SHEET 8 OF 27 SHEETS STA. 25+00.0000 TO STA. 25+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	162
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

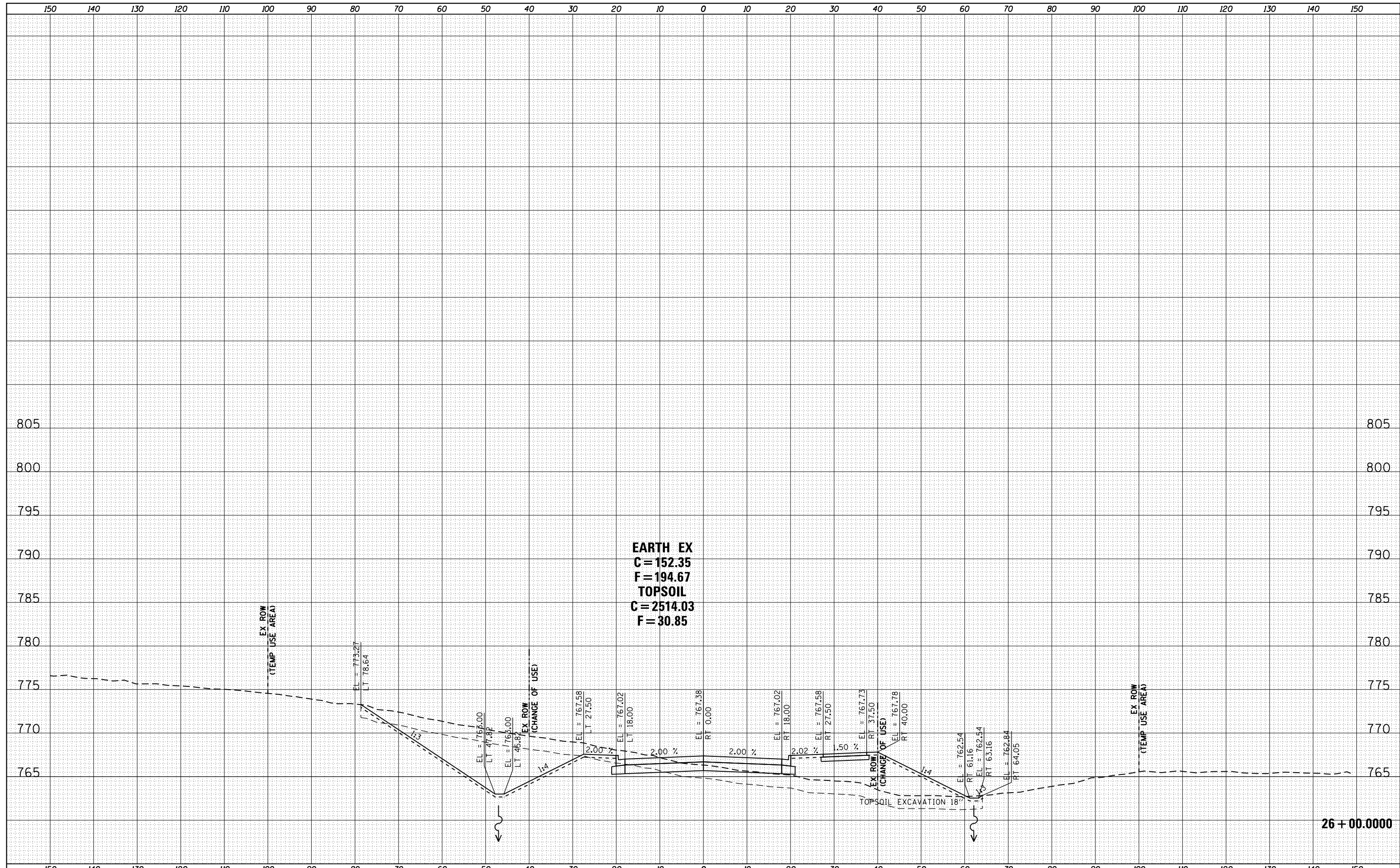


EARTH EX
C = 226.21
F = 223.88
TOPSOIL
C = 235.10
F = 35.48

25 + 50.000

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



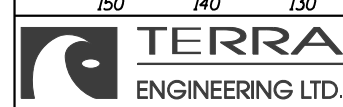
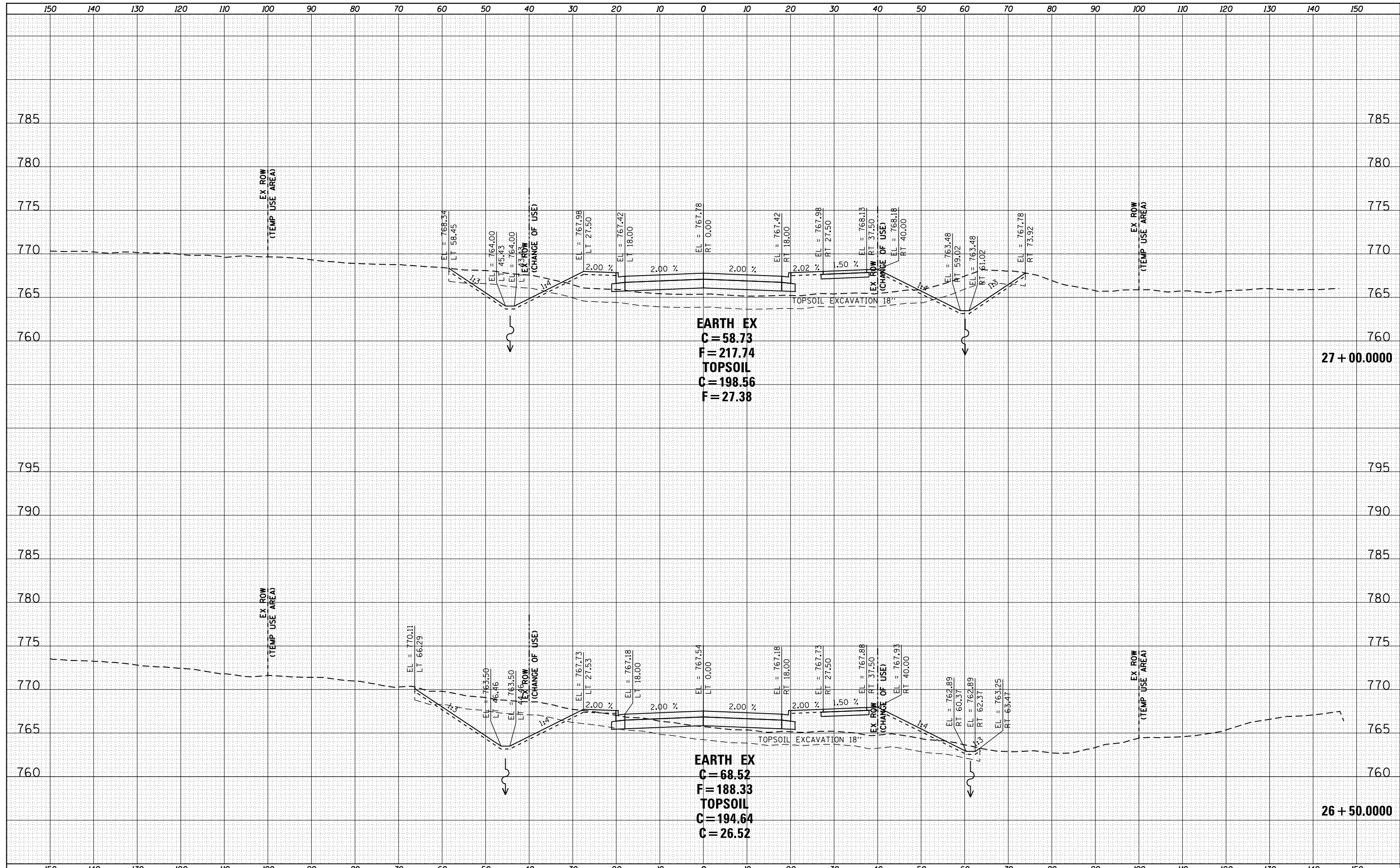
EARTH EX
C = 152.35
F = 194.67
TOPSOIL
C = 2514.03
F = 30.85

26 + 00.0000

	USER NAME = CurtissL	DESIGNED - AB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS PR. NOFSINGER ROAD		F.A.P. RTE. 317	SECTION 23-00113-00-SP	COUNTY TAZEWELL	TOTAL SHEETS 181	SHEET NO. 164
	FILENAME = D:\15176-sh-t-XS-NDFS010.dgn	DRAWN - AB/AE	REVISED -		SCALE: SHEET 10 OF 27 SHEETS	STA. 26+00.0000 TO STA. 26+00.0000	CONTRACT NO. 89849	ILLINOIS FED. AID PROJECT			
	PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -								
	PLOT DATE = 6/28/2023 5:56:00 PM	DATE - 5/5/2023	REVISED -								

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



USER NAME = CurtissL
 FILENAME = D415176-sh1-XS-NDFS011.dgn
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:56:07 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

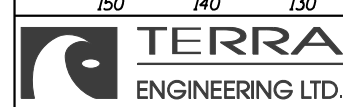
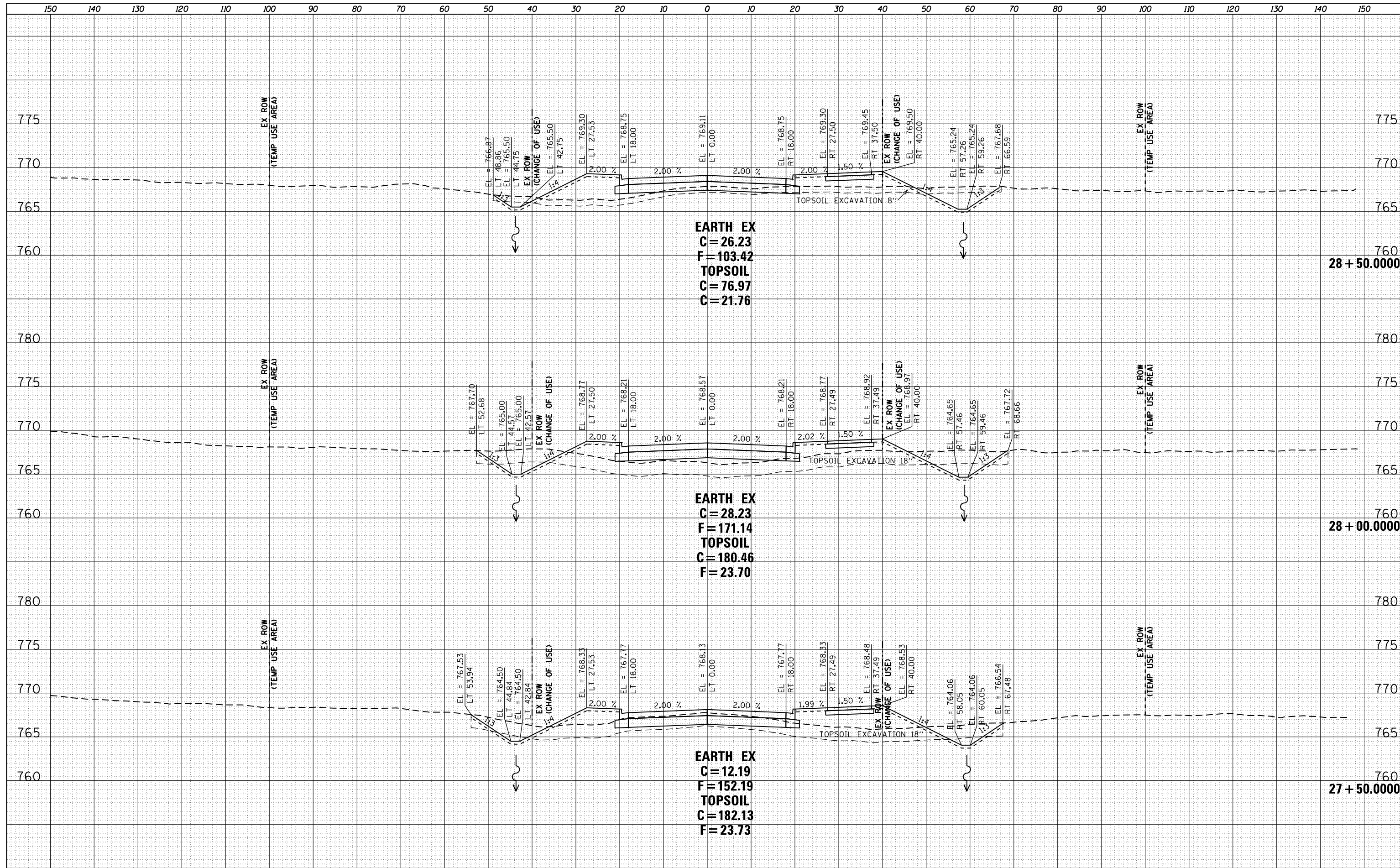
CROSS SECTIONS
 PR. NOFSINGER ROAD

SCALE: SHEET 11 OF 27 SHEETS STA. 26+50.0000 TO STA. 27+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	165
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



USER NAME = CurtissL
 FILENAME = D:\15176-sh-t-XS-NDFS012.dgn
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:56:13 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

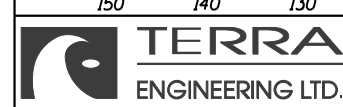
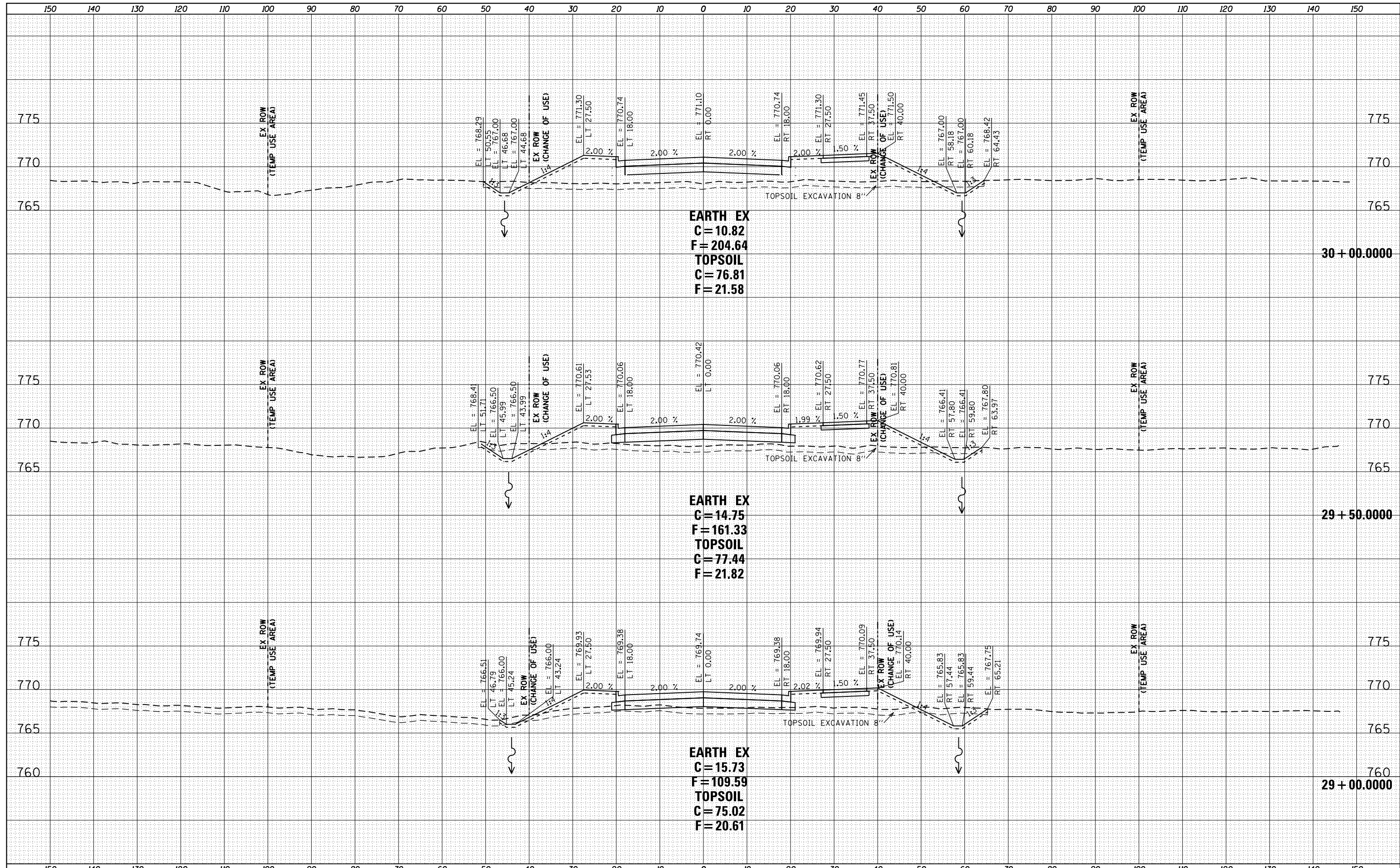
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 PR. NOFSINGER ROAD
 SCALE: SHEET 12 OF 27 SHEETS STA. 27+50.0000 TO STA. 28+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	166
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



USER NAME = CurtissL
 FILENAME = D:\15176-sh-t-XS-NDFS013.dgn
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:56:22 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

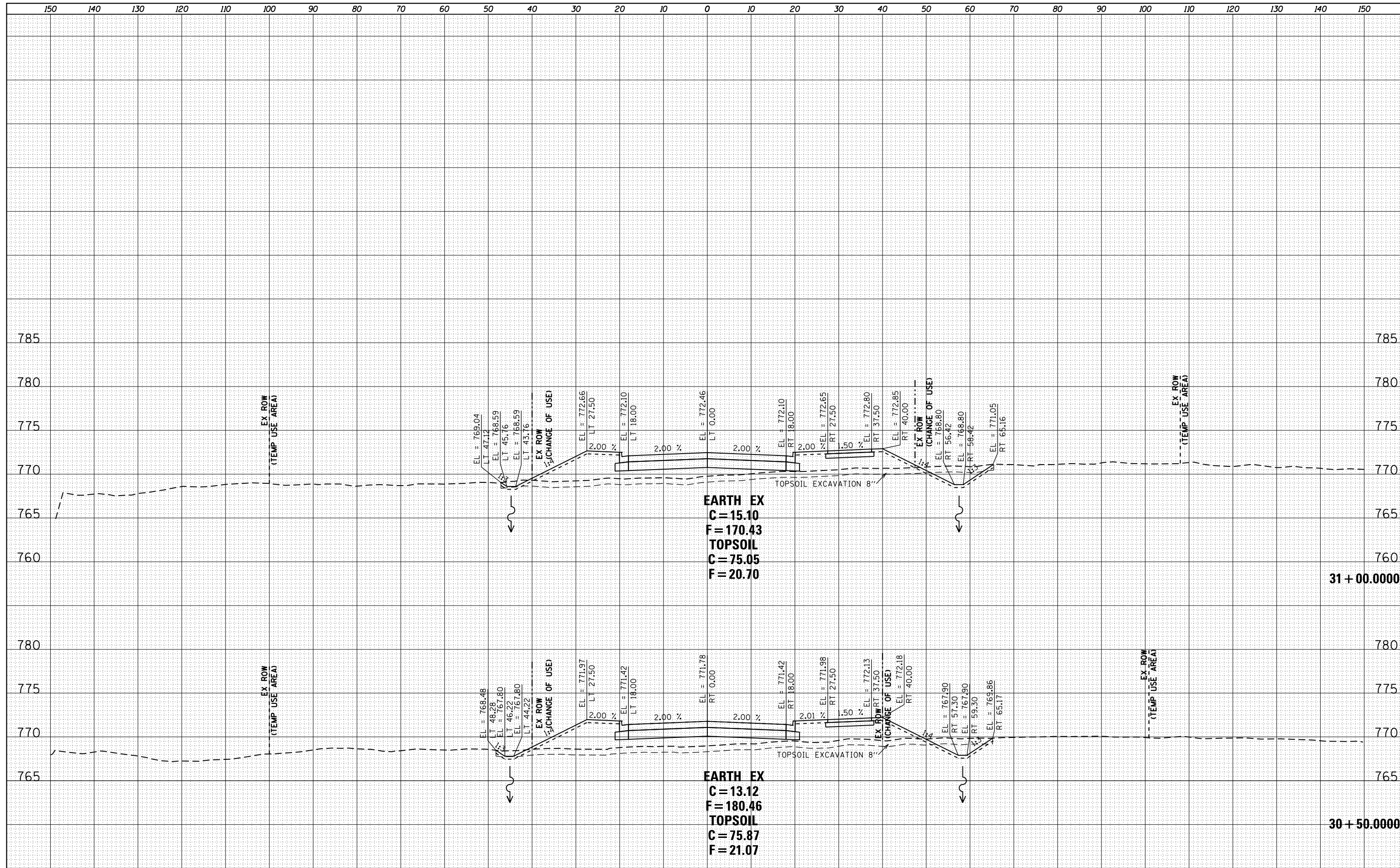
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 PR. NOFSINGER ROAD
 SCALE: SHEET 13 OF 27 SHEETS STA. 29+00.0000 TO STA. 30+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	167
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

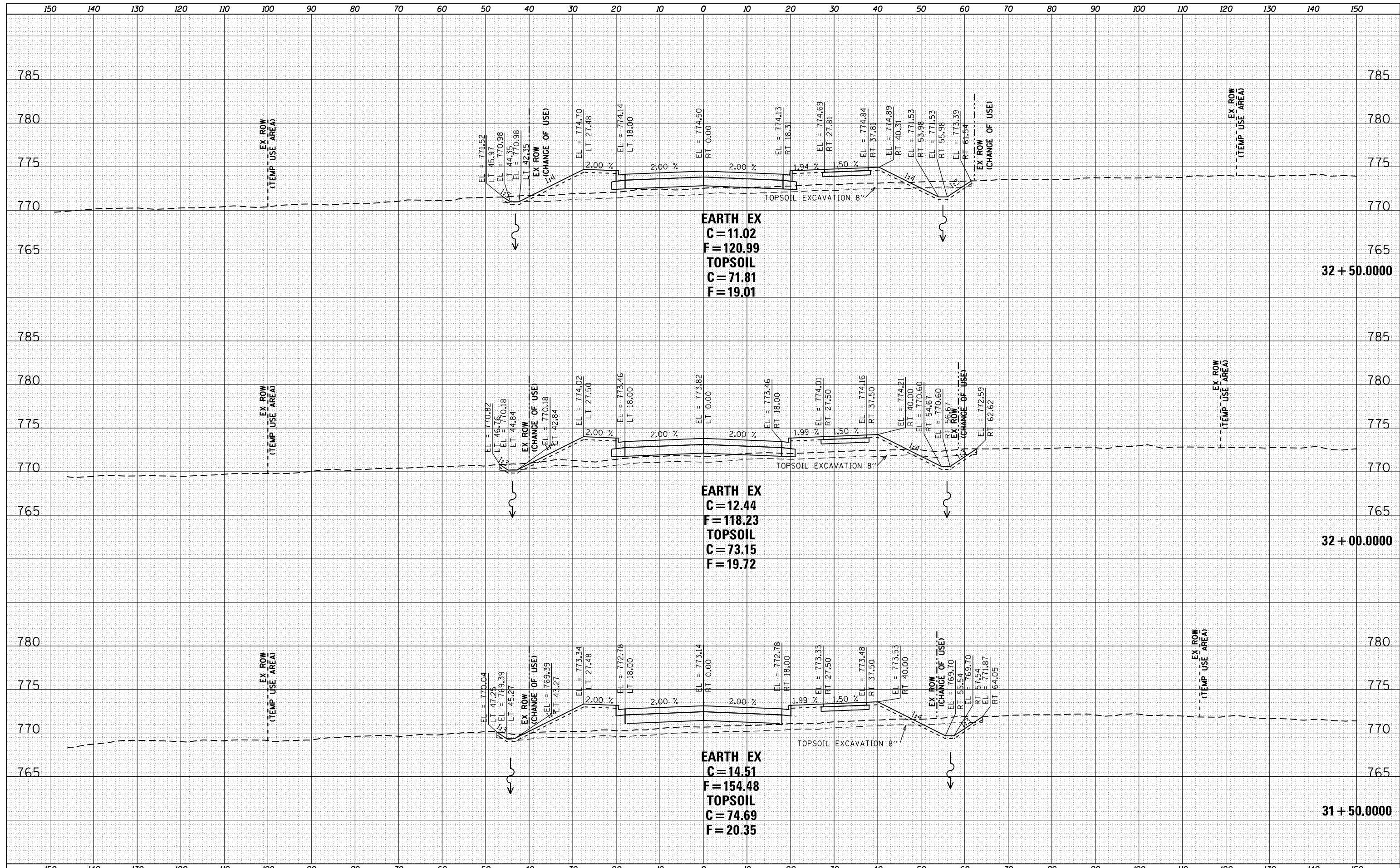
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



	USER NAME = CurtissL	DESIGNED - AB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS PR. NOFSINGER ROAD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILENAME = D:\415176-sh1-XS-NDFS014.dgn	DRAWN - AB/AE	REVISED -		SCALE:	SHEET 14	OF 27	SHEETS	STA. 30+50.0000	TO STA. 31+00.0000	ILLINOIS
	PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -				317	23-00113-00-SP	TAZEWELL	181	168
	PLOT DATE = 6/28/2023 5:56:28 PM	DATE - 5/5/2023	REVISED -							CONTRACT NO.	89849

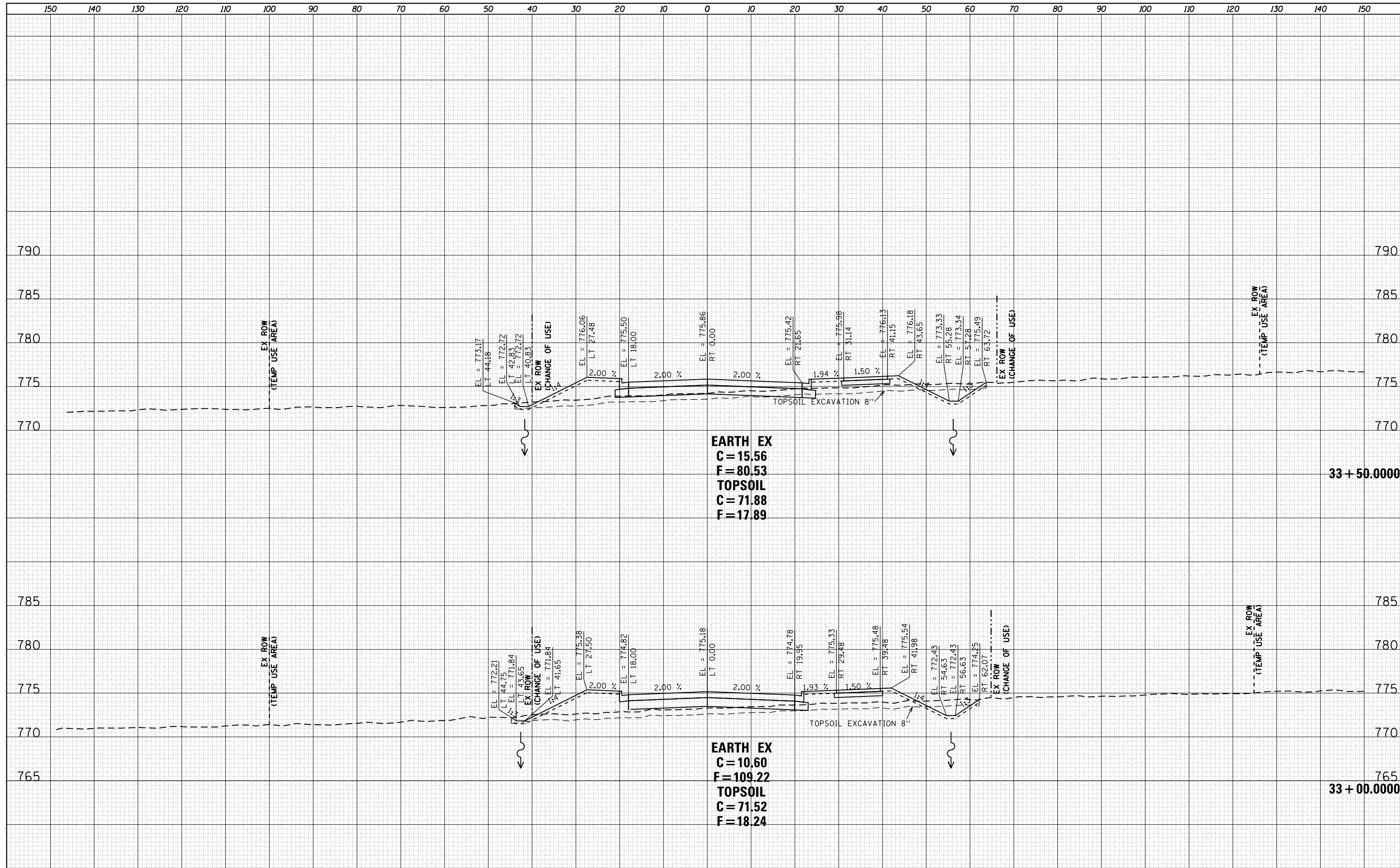
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



BY	DATE

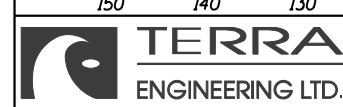
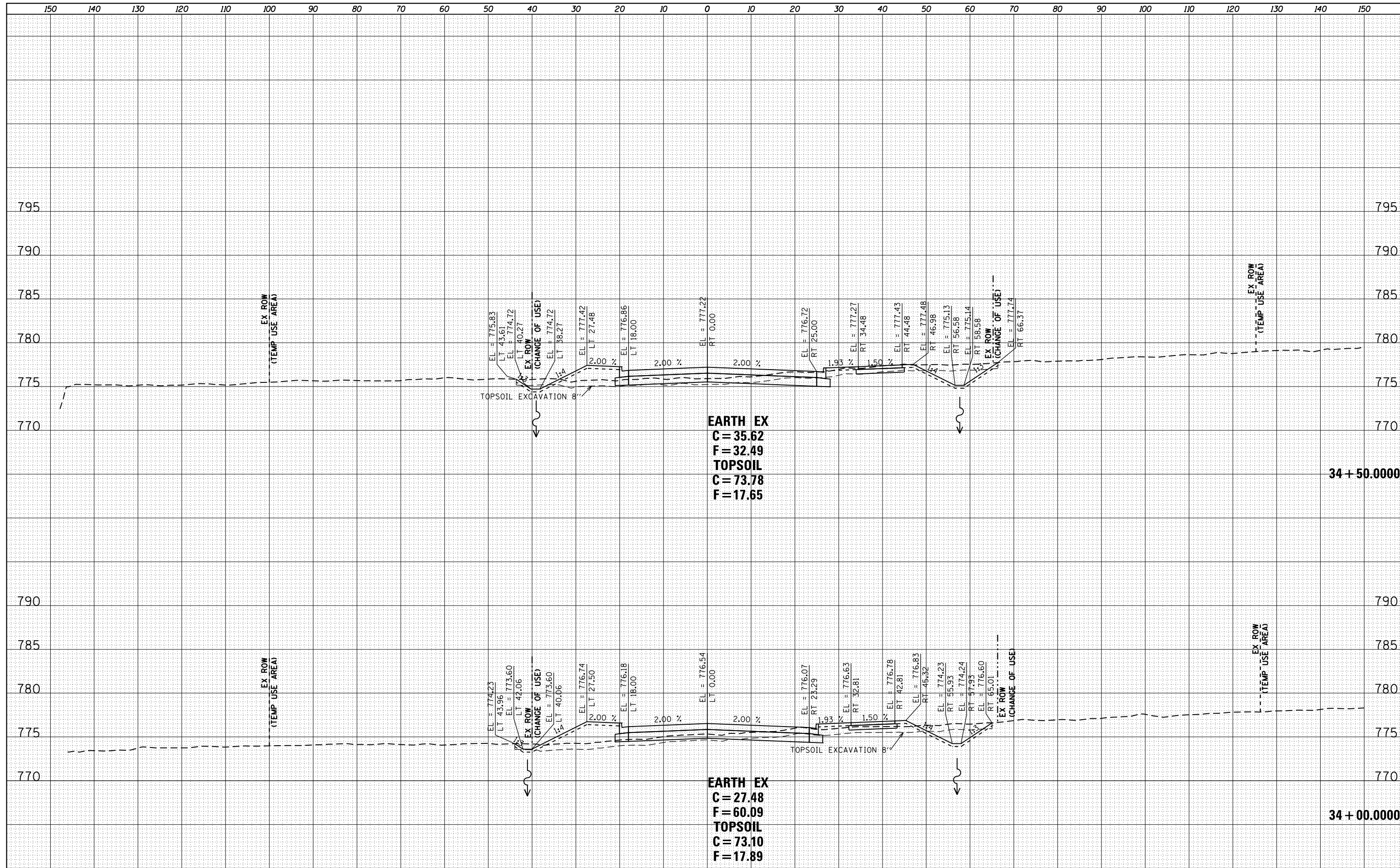
BY	DATE



	USER NAME = CurtissL	DESIGNED - AB	REVISIED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS PR. NOFSINGER ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FILENAME = D415176-sh1-XS-NDFS016.dgn	DRAWN - AB/AE	REVISIED -			317	23-00113-00-SP	TAZEWELL	181	170
	PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISIED -					CONTRACT NO.	89849	
	PLOT DATE = 6/28/2023 5:56:42 PM	DATE = 5/5/2023	REVISIED -			SCALE:	SHEET 16 OF 27 SHEETS	STA. 33+00.0000 TO STA. 33+50.0000	ILLINOIS FED. AID PROJECT	

BY	DATE

BY	DATE



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D415176-sh1-XS-NDFS017.dgn	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:56:49 PM	DATE - 5/5/2023	REVISED -

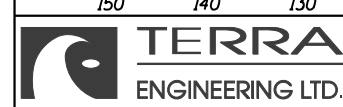
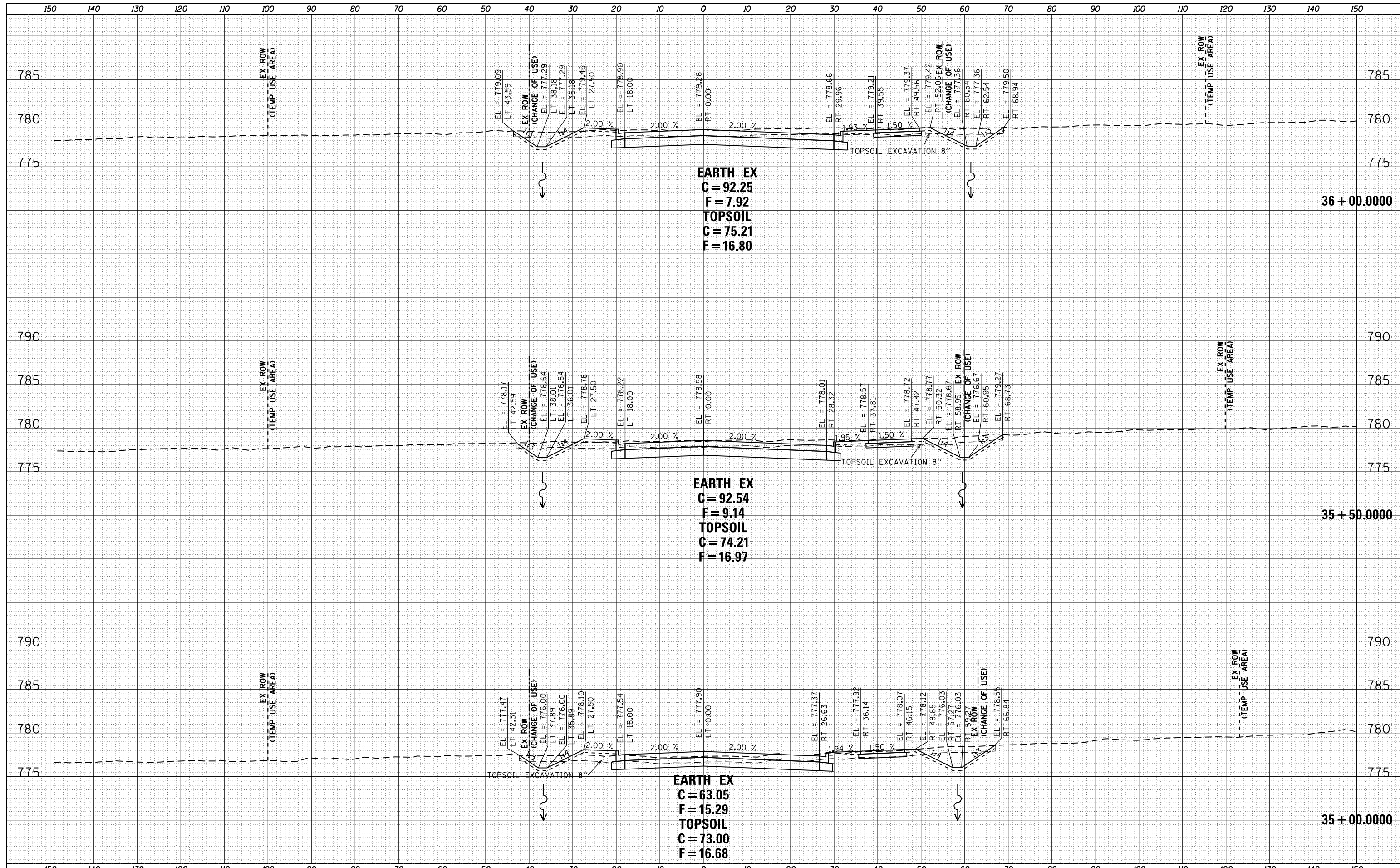
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS PR. NOFSINGER ROAD			
SCALE:	SHEET 17	OF 27	SHEETS
STA. 34+00.0000		TO STA. 34+50.0000	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	171
CONTRACT NO. 89849			ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



USER NAME = CurtissL
 FILENAME = D:\415176-sh-t-XS-NDFS018.dgn
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:56:55 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

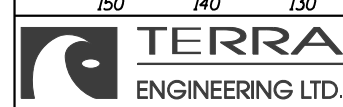
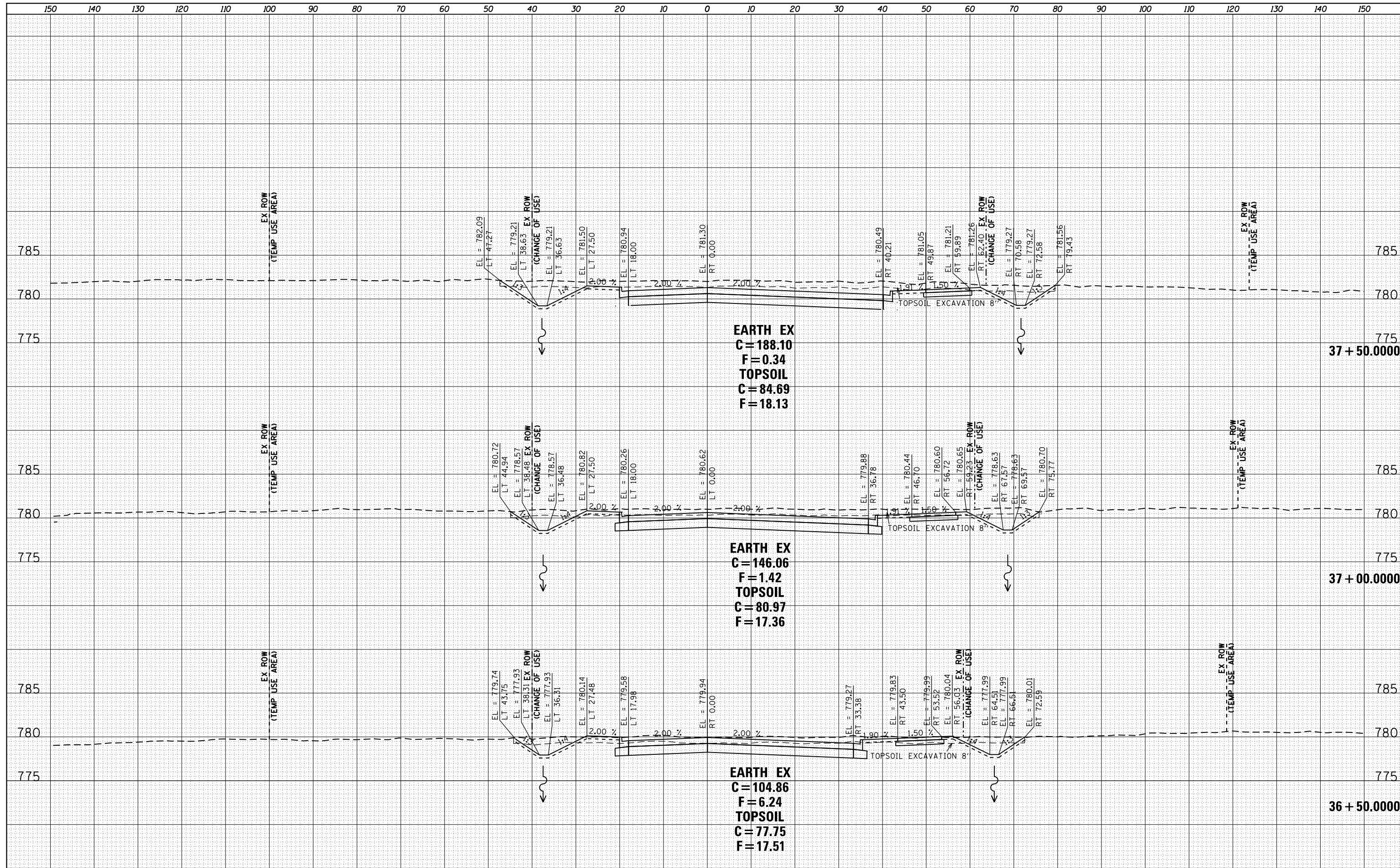
CROSS SECTIONS
 PR. NOFSINGER ROAD

SCALE: SHEET 18 OF 27 SHEETS STA. 35+00.0000 TO STA. 36+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	172
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
SURVEY PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	



USER NAME = CurtissL
 FILENAME = D:\15176-sh1-XS-NDFS01.dgn
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:57:02 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

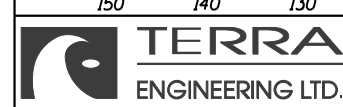
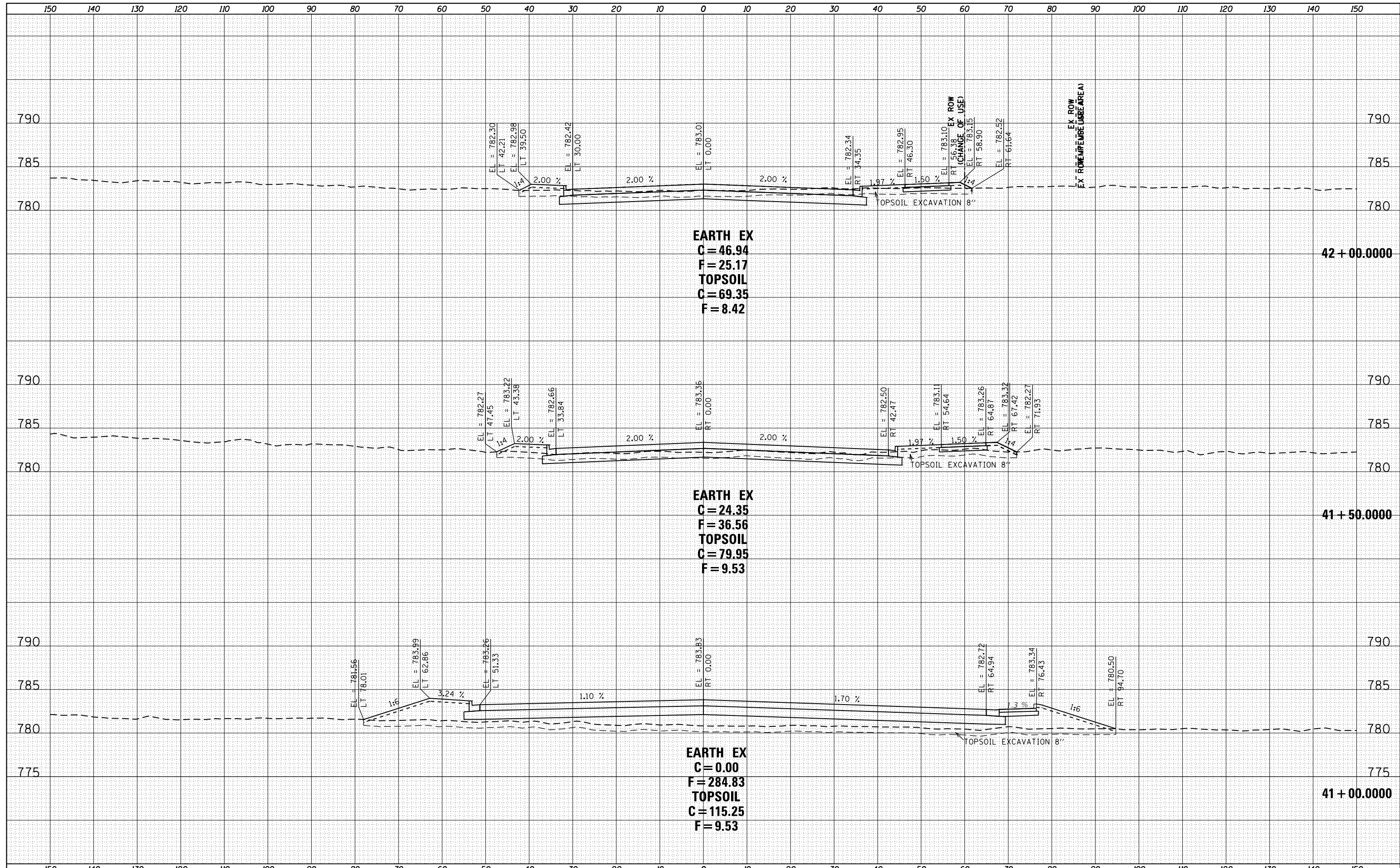
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 PR. NOFSINGER ROAD
 SCALE: SHEET 19 OF 27 SHEETS STA. 36+50.000 TO STA. 37+50.000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	173
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



USER NAME = CurtissL
 FILENAME = D:\15176-sh1-XS-NDFS021.dgn
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 6/28/2023 5:57:16 PM

DESIGNED - AB
 DRAWN - AB/AE
 CHECKED - ET
 DATE - 5/5/2023

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

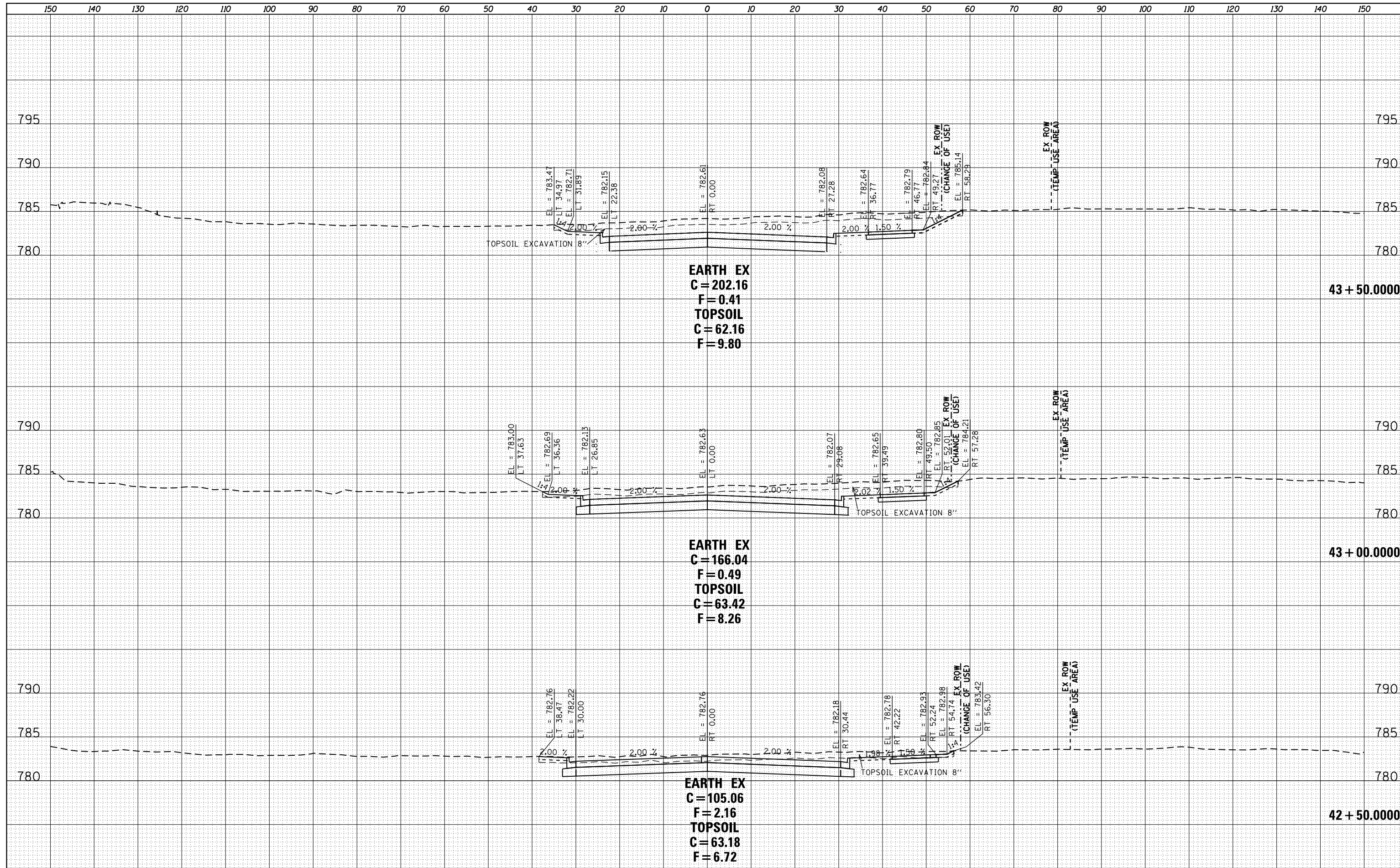
CROSS SECTIONS
 PR. NOFSINGER ROAD
 SCALE: SHEET 21 OF 27 SHEETS STA. 41+00.0000 TO STA. 42+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	175
CONTRACT NO.			89849	

ILLINOIS FED. AID PROJECT

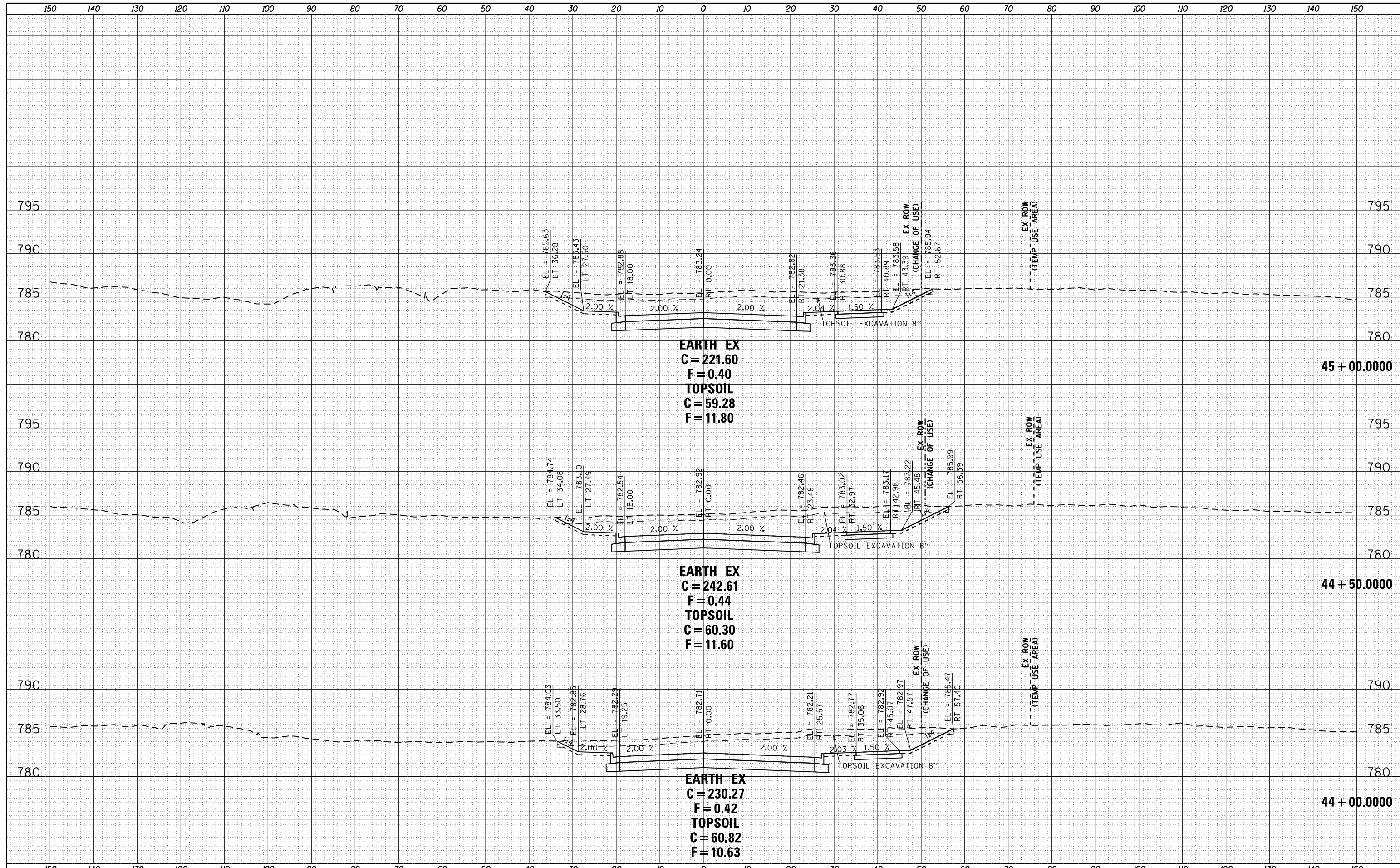
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



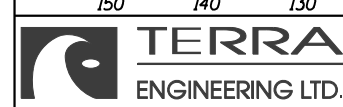
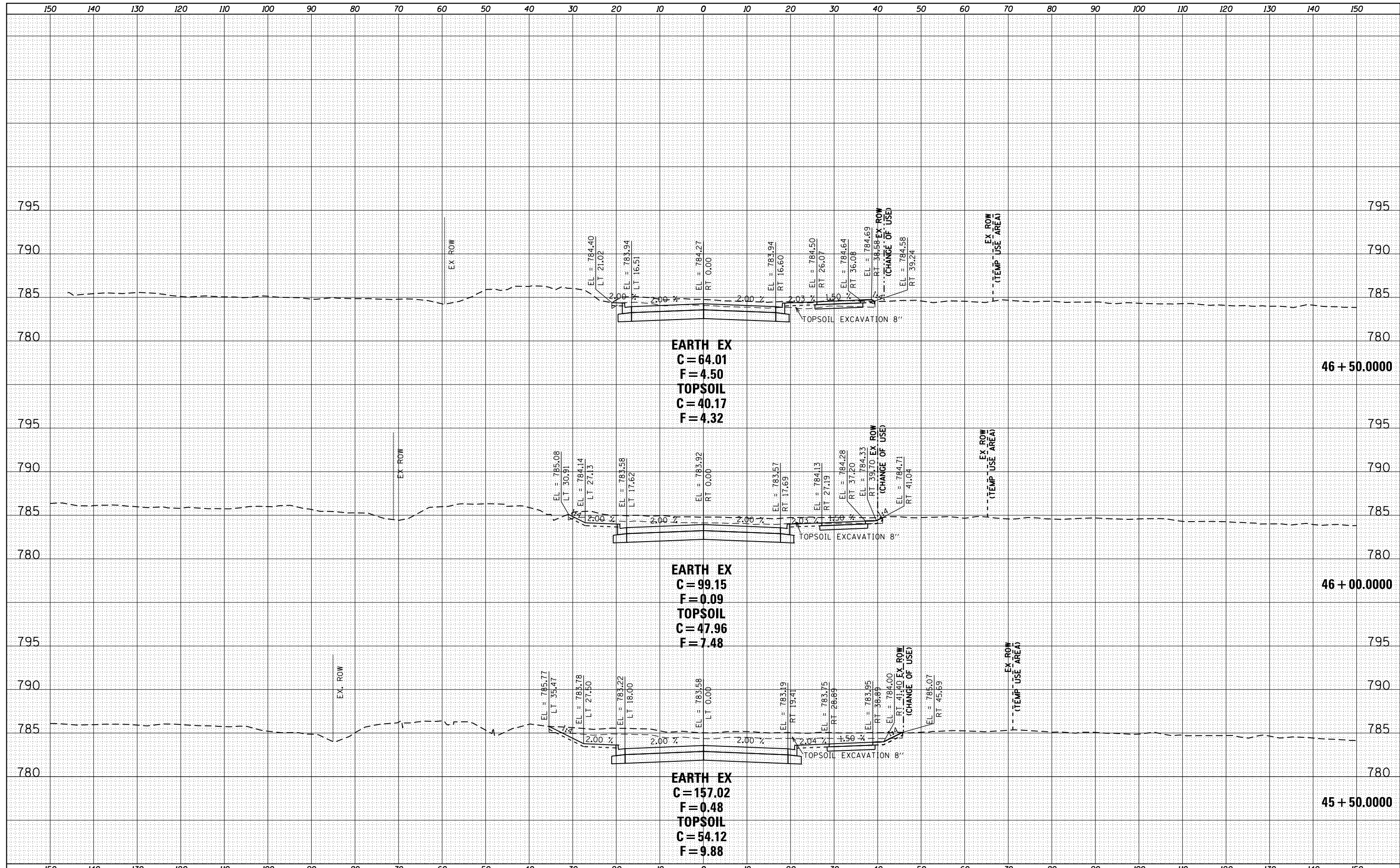
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



DATE	
BY	
FINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



USER NAME =	CurtsL	DESIGNED -	AB	REVISED -	
FILENAME =	D415176-sh1-XS-NDFS024.dgn	DRAWN -	AB/AE	REVISED -	
PLOT SCALE =	20.0000' / in.	CHECKED -	ET	REVISED -	
PLOT DATE =	6/28/2023 5:57:35 PM	DATE -	5/5/2023	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

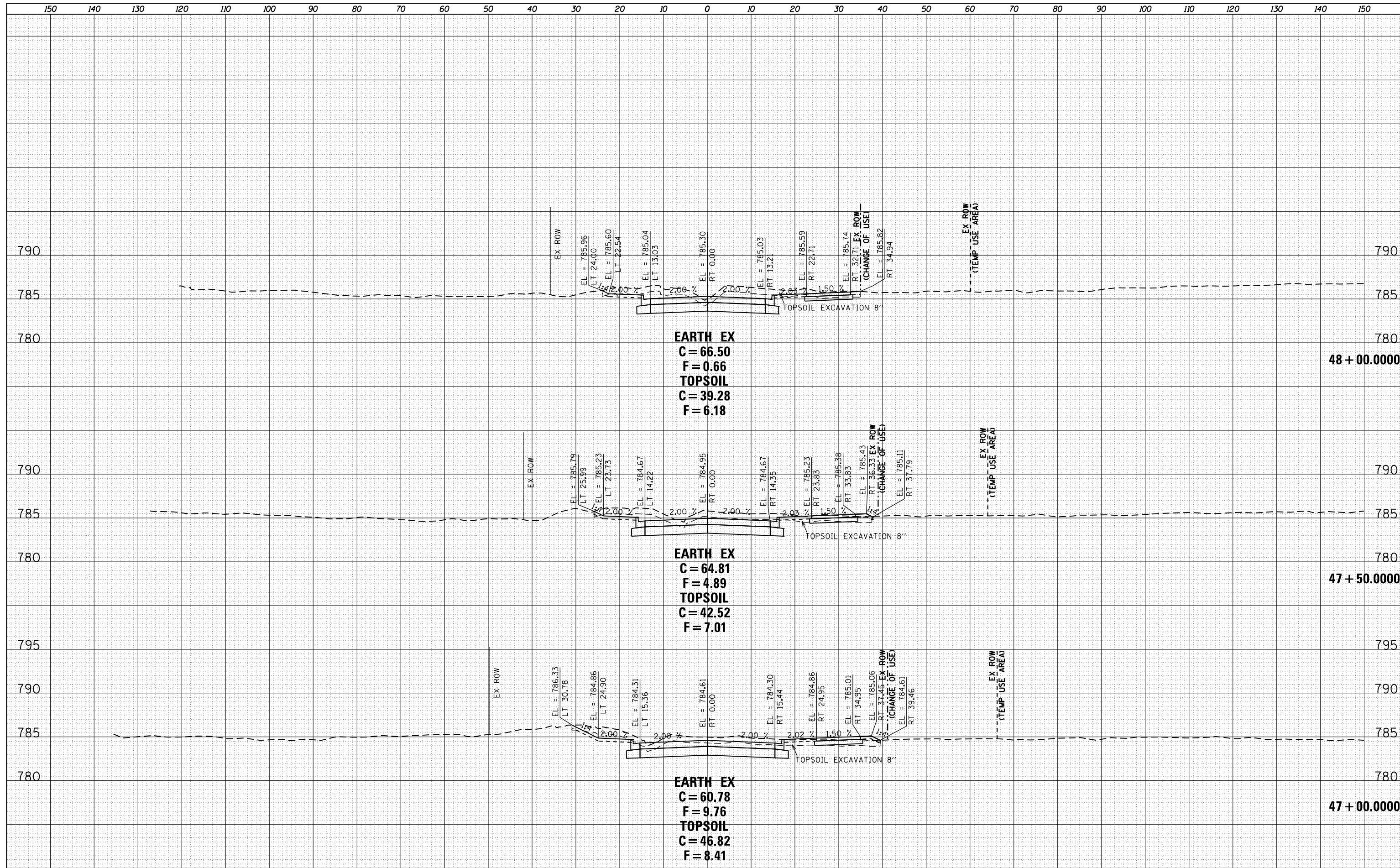
**CROSS SECTIONS
PR. NOFSINGER ROAD**

SCALE: SHEET 24 OF 27 SHEETS STA. 45+50.0000 TO STA. 46+50.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	178
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				

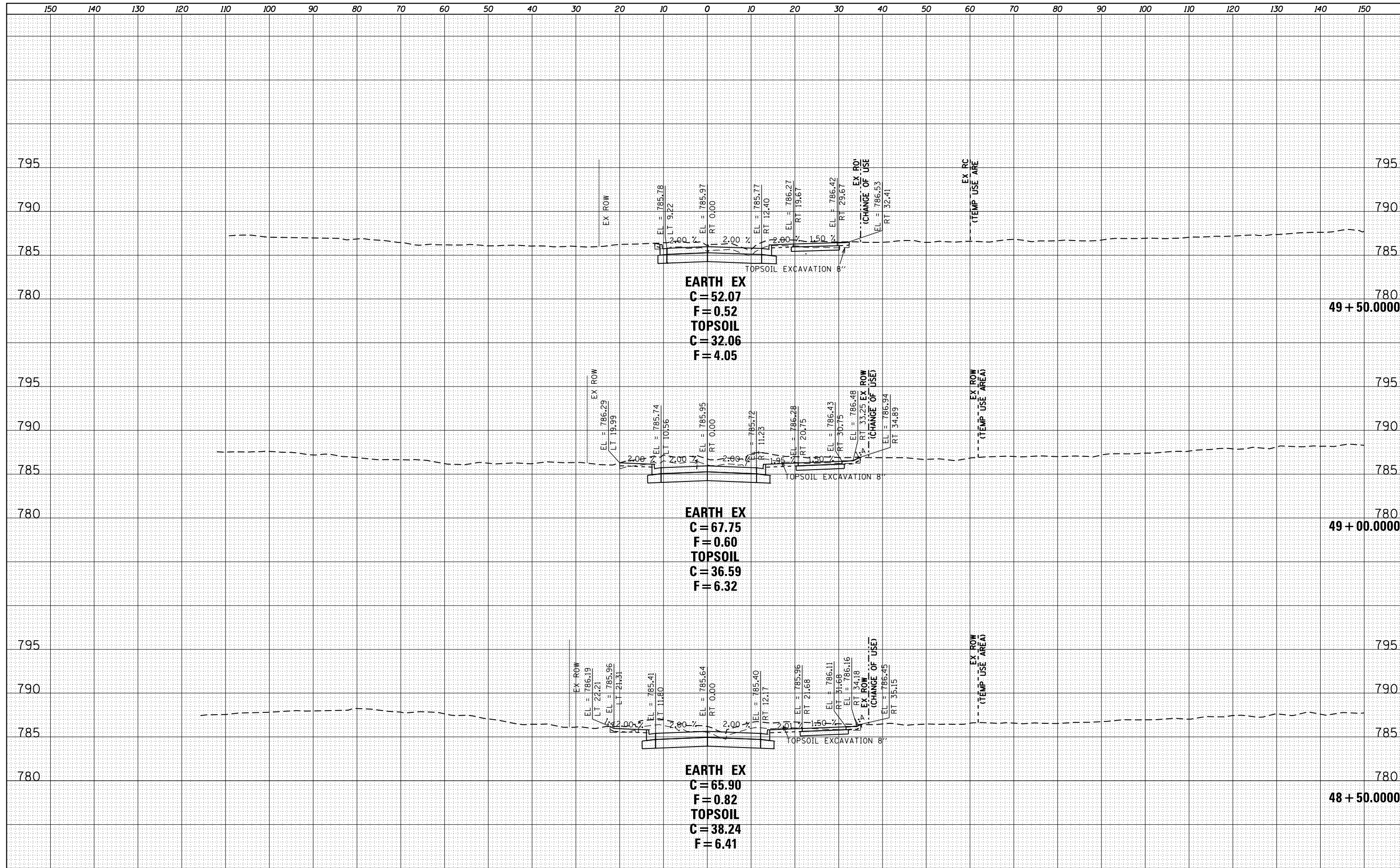
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



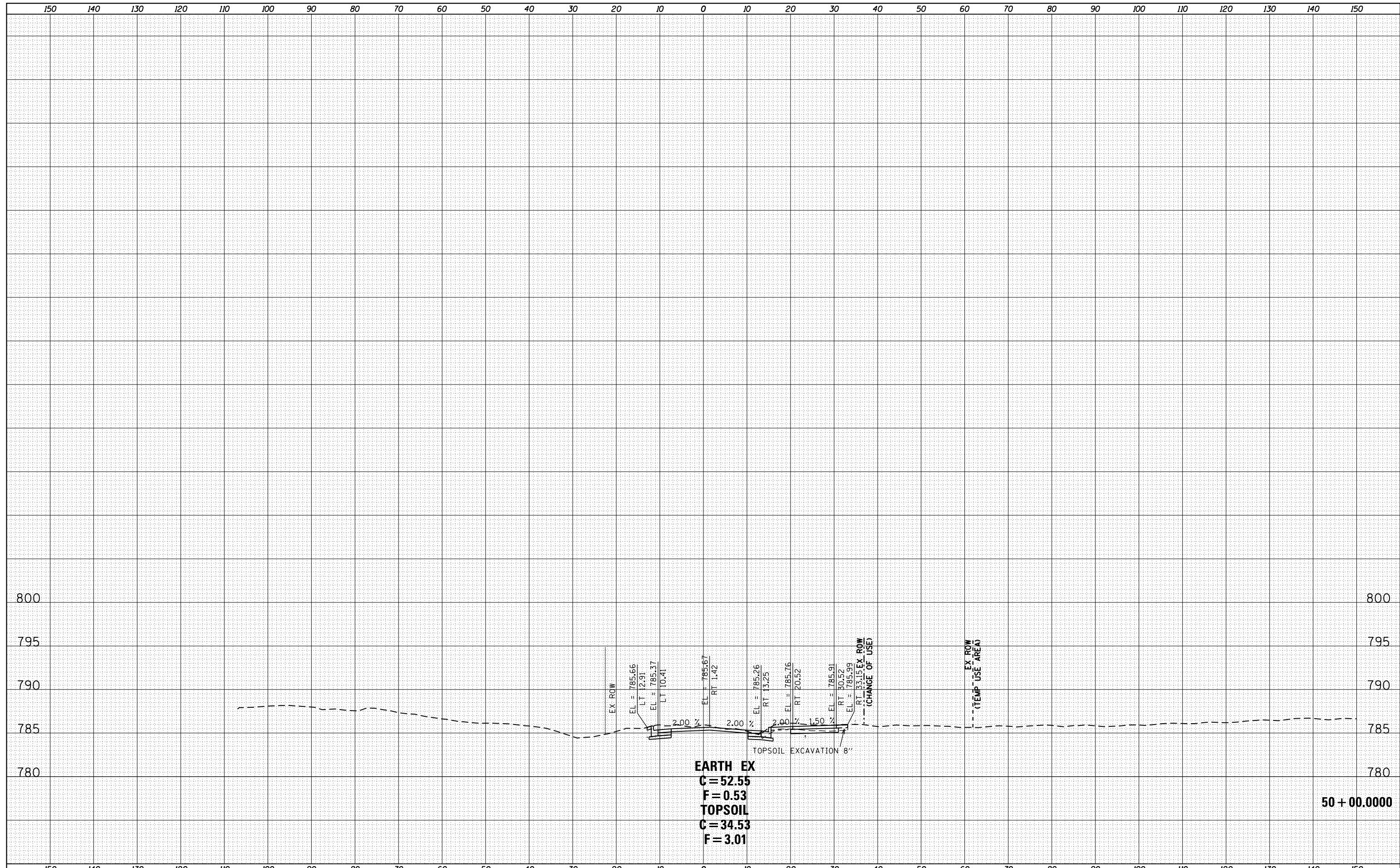
DATE	
BY	
FINISHED SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
PLOTTED TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



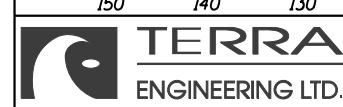
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



EARTH EX
C = 52.55
F = 0.53
TOPSOIL
C = 34.53
F = 3.01

50 + 00.0000



USER NAME = CurtissL	DESIGNED - AB	REVISED -
FILENAME = D415176-sh1-XS-NDFS027.dgn	DRAWN - AB/AE	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - ET	REVISED -
PLOT DATE = 6/28/2023 5:57:55 PM	DATE - 5/5/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
PR. NOFSINGER ROAD

SCALE: SHEET 27 OF 27 SHEETS STA. 50+00.0000 TO STA. 50+00.0000

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
317	23-00113-00-SP	TAZEWELL	181	181
CONTRACT NO.			89849	
ILLINOIS FED. AID PROJECT				